

E06B

FIXED OR MOVABLE CLOSURES FOR OPENINGS IN BUILDINGS, VEHICLES, FENCES OR LIKE ENCLOSURES IN GENERAL, e.g. DOORS, WINDOWS, BLINDS, GATES (shades or blinds for greenhouses A01G9/22; curtains A47H; lids for car boots or bonnets B62D25/10; skylights E04B7/18; sunshades, awnings E04F10/00)

Definition statement

This subclass/group covers:

Fixed and movable closures for openings in buildings; Windows and doors themselves, and items that are installed before them, like blinds, screens or shutters; Insulating glazing units; Closures in fences, e.g. gates; Turnstiles.

Relationship between large subject matter areas

Apparatuses or machines for the production of doors or windows are not classified in [E06B](#), except machines for the production of insulating glazing units, and mounting tools.

References relevant to classification in this subclass

This subclass/group does not cover:

| | |
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| Shades of blinds for greenhouses | A01G 9/22 |
| Shop furniture | A47F |
| Picture frames | A47G |
| Curtains | A47H |
| Making metal frames | B21D 5/74 |
| Clamps for holding while making frames | B25B 5/142 |
| Holes in frames for fittings | B27F 5/12 |
| Assembly apparatus | B27M |
| Welding plastic frames | B29C 65/00 |
| Automobiles | B60J |

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| Vehicle door or window arrangements | B60J 1/00 , B60J 10/00 |
| Train | B61D |
| Lids for car boot or bonnets | B62D 25/10 |
| Ships | B63B |
| Aeroplanes | B64C |
| Laminated or coated glass | C03C 17/00 , C03C 27/00 |
| Laminated glass | C03C 27/00 |
| Wash/drying machines | D06F |
| Sliding partition walls | E02B 2/00 |
| Curtain walls | E04B 2/88 |
| Roof windows | E04D |
| Sunshades, awings | E04F 10/00 |
| Awnings | E04F 10/00 |
| Decorative trim | E04F 19/00 |
| Locks | E05B 65/00 |
| Hinges | E05D 15/00 |
| Safes | E05G |
| Refrigerators | F25D |
| Testing of doors or windows | G01M 19/00 |
| Display boards | G07F |

Glossary of terms

In this subclass/group, the following terms (or expressions) are used with the

meaning indicated:

| | |
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| Wing | swingable, slidable or otherwise movable member such as a door or window, for closing an opening |
| Wing frame | the peripheral edge or edges which define the outer border of the wing |

E06B 1/00

Border constructions of openings in walls, floors, or ceilings; Frames to be rigidly mounted in such openings (E06B5/00 takes precedence; features relating also to inner frames or wing frames, features relating solely to the mounting of inner frames E06B3/00; corner joints or edge joints E06B3/96)

Definition statement

This subclass/group covers:

Constructions that are placed at the border of openings in walls, essentially between the wall structure and the door or window frame, e.g. fastening means or joints, and frames to be rigidly mounted in openings in walls.

References relevant to classification in this group

This subclass/group does not cover:

| | |
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| Hand held tools for joints | B25B 27/00 |
| Lintels | E04C 3/02 |
| Roof windows and skylights | E04D 13/00 |
| Mounting and marking devices for door leaves and frames | E04F 21/0007 , E04F 21/003 |
| Features of rigidly-mounted outer frames relating to the mounting of wing frames Window sashes or door leaves | E06B 3/00 |
| Corber joints or edge joints | E06B 3/96 |
| Doors, windows, or like closures for special purposes; Border | E06B 5/00 |

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| constructions therefor | |
| Trap-doors | E06B 5/01 |

Informative references

Attention is drawn to the following places, which may be of interest for search:

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| General application of joints in buildings | E04B 1/00 |
| Joints in roofs between windows or chimneys and the roof | E04D 13/14 |

Special rules of classification within this group

[E06B 3/00](#) takes precedence when features relating to frames to be rigidly mounted also relate to the mounting of the wing frame.

E06B 3/00

Window sashes, door leaves, or like elements for closing [N: wall or like] openings; Layout of fixed or moving closures, e.g. windows [N: in wall or like openings]; Features of rigidly-mounted outer frames relating to the mounting of wing frames (E06B5/00 takes precedence; shutters or the like E06B9/00 ; glass panes C03)

Definition statement

This subclass/group covers:

Wings, including the wing frames and insulating glazing units therefor ; corner joints or edge joints ; machines specifically designed for the assembly of insulating glazing units

References relevant to classification in this group

This subclass/group does not cover:

| | |
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| Glass panes per se, glass composition, coatings | C03C 27/00 , C03C 17/00 , C08J 7/00 , C23C 14/00 |
| Doors, windows, or like closures for special purposes; Border | E06B 5/00 |

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| constructions therefor | |
| Shutters or the like | E06B 9/00 |

Glossary of terms

In this subclass/group, the following terms (or expressions) are used with the meaning indicated:

| | |
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| IGU | insulating glazing unit, e.i.unit comprising two or more glass or like panes permanently secured together |
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E06B 5/00

Doors, windows, or like closures for special purposes [N: (insulated compound frames specially adapted for sliding doors or windows E06B3/26347)]; Border constructions therefor

Definition statement

This subclass/group covers:

Doors windows or like closures and border construction therefore which can readily be recognised as having a special purpose or function, e.g. fireproof doors, bullet-proof windows.

References relevant to classification in this group

This subclass/group does not cover:

| | |
|--|------------------------------|
| Elevator doors | B66B 13/30 |
| Closures in false ceilings | E04B 9/00 |
| Insulated compound frames specially adapted for sliding doors or windows | E06B 3/26347 |
| Flood barriers | E06B 9/00 |
| Safety windows in connection with machinery | F16P 1/02 |
| Electric heating systems in doors and | F24D 13/026 |

| | |
|--|---|
| windows | |
| Pressure resistant sight glasses | G02B 7/005 |
| Door or windows for electrical apparatus | H02B 1/28 , H05K 5/00 |

Informative references

Attention is drawn to the following places, which may be of interest for search:

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| Transit doors, locks for bank protection | E05G 5/00 |
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E06B 7/00

Special arrangements or measures in connection with doors or windows ([N: arrangements against burglary at the edges of the wings E06B5/113]; screening or similar protective devices E06B9/00)

Definition statement

This subclass/group covers:

Special arrangements or measures in connection with doors or windows;

Accessories which are add-ons for doors or windows, e.g. sealing arrangements, door plates, finger guards, peep holes;

Ventilation arrangements which are part of the door or window construction

Relationship between large subject matter areas

Ventilation devices per se are covered by [F24F](#). Wings or shutters with ventilation openings, e.g. louvre doors or windows belong in this area if the main purpose is providing ventilation. Intrusion protection shutters or grilles and also sun protection devices are covered by [E06B 9/00](#). Door or window frames are covered by [E06B 1/00](#). Door or window wings are covered by [E06B 3/00](#). Hinges are classified in [E05D](#) and locks in [E05B](#).

References relevant to classification in this main group

This subclass/group does not cover:

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|--------------------------------------|----------------------------|
| Arrangements against burglary at the | E06B 5/113 |
|--------------------------------------|----------------------------|

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|---|---------------------------|
| edges of the wings | |
| Screening or similar protective devices | E06B 9/00 |

E06B 7/02

**for providing ventilation, e.g. through double windows;
Arrangement of ventilation roses (airflow control members
per se F24F13/08)**

References relevant to classification in this subgroup

This subclass/group does not cover:

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| Airflow control members per se | F24F 13/08 |
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Glossary of terms

In this subclass/group, the following terms (or expressions) are used with the meaning indicated:

In this subclass/group, the following terms (or expressions) are used with the meaning indicated:

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| Ventilation rose | Shutter with revoluble plate featuring apertures which can be aligned with apertures in window or static plate |
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E06B 7/12

**Measures preventing the formation of condensed water
(double glazing E06B3/24 to E06B3/28[N: and E06B3/677];
heating arrangements specially adapted for transparent or
reflecting areas H05B3/84)**

References relevant to classification in this subgroup

This subclass/group does not cover:

| | |
|--|---|
| Double glazing | E06B 3/24 to E06B 3/28 , E06B 3/677 |
| Heating arrangements specially adapted for transparent or reflecting | H05B 3/84 |

| | |
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| areas | |
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E06B 7/14

Measures for draining-off condensed water or water leaking-in; [N: frame members for draining off condensation water, throats at the bottom of a sash]

Informative references

Attention is drawn to the following places, which may be of interest for search:

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| Draining means for water in cavity walls | E04B 1/7038 |
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E06B 7/16

Sealing arrangements on wings or parts co-operating with the wings ([N: specially adapted for fireproof or similar closures E06B5/164;] E06B7/098 takes precedence; [N: fixed sealing joints E04B1/68; Devices for fitting sealing strips E04F21/80])

References relevant to classification in this subgroup

This subclass/group does not cover:

| | |
|--|----------------------------|
| Fixed sealing joints | E04B 1/68 |
| Sealing arrangements specially adapted for fireproof or similar closures | E06B 5/164 |
| Weather seals of louvre doors | E06B 7/098 |

E06B 7/28

Other arrangements on doors or windows, e.g. door-plates, windows adapted to carry plants, hooks for window cleaners [N: edge protecting devices for door leaves E06B3/88; special glazing; emergency glazing; double glazing E06B3/66]

Definition statement

This subclass/group covers:

Arrangements mounted on doors or windows; Finger plates; Peep-holes;
Devices for speaking through; Windows in doors; Serving doors;
Passing-through doors; Pet doors; Cupboards in doors; Finger plates

References relevant to classification in this subgroup

This subclass/group does not cover:

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|---|----------------------------|
| Sporting equipment on doors | A63B 21/16 |
| Special glazing; emergency glazing; double glazing | E06B 3/66 |
| Edge protecting devices for door leaves | E06B 3/88 |

E06B 9/00

Screening or protective devices for [N: wall or similar] openings, with or without operating or securing mechanisms; Closures of similar construction (E06B5/10 takes precedence; wings for doors or windows, connected at their edges, E06B3/48; additional indoor equipment of doors or windows, not forming part of the proper finishing work of a building, e.g. curtains, A47H; gratings as building elements E04C2/24 ; fastening means E05; operating-mechanisms for wings in general E05F)

Definition statement

This subclass/group covers:

Screening or protective devices for wall or similar openings;

Operating or securing mechanisms for screening or protective devices;

Grilles fixed to walls, doors, or windows;

Grilles moving with doors or windows;

Walls formed as grilles;

Shutters, movable grilles, or other safety closing devices, e.g. against burglary;

Roller shutters;

Roll-type grilles;

Screens or other constructions affording protection against light, especially against sunshine;

Screens for privacy or appearance;

Lamellar or like blinds, e.g. Venetian blinds, roller blinds;

Screens for protection against insects, e.g. fly screens;

Operating, guiding or securing devices or arrangements for roll-type closures.

Relationship between large subject matter areas

Loosely hanging draperies and curtains are covered by [A47H](#). Screens with large interconnected wings or panels, like sectional doors are classified in [E06B 3/48](#). Overhead wings or doors are covered by [E05D 13/00](#). External sun protection screens are classified in [E04F 10/00](#). Louvre doors or windows with ventilating features are covered by [E06B 7/08](#).

References relevant to classification in this maingroup

This subclass/group does not cover:

| | |
|--|---------------------------|
| Curtains | A47H |
| Gratings as building elements | E04C 2/24 |
| Wings for doors or windows, connected at their edges | E06B 3/48 |
| Doors or windows for protection against air-raid or other war-like action; for other protective purposes | E06B 5/10 |

Informative references

Attention is drawn to the following places, which may be of interest for search:

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|---|----------------------------|
| Suspension devices for wings | E05D |
| Operating-mechanisms for wings in general | E05F |
| Externally mounted sun screens | E04F 10/00 |

E06B 9/01

Grilles fixed to walls, doors, or windows; Grilles moving with doors or windows; Walls formed as grilles, e.g. claustra [N: (emergency release of window grilles E05B65/1033; security bars for wings E05C19/003)]

References relevant to classification in this subgroup

This subclass/group does not cover:

| | |
|-------------------------------------|------------------------------|
| Emergency release of window grilles | E05B 65/1033 |
| Security bars for wings | E05C 19/003 |

E06B 9/02

Shutters, movable grilles, or other safety closing devices, e.g. against burglary (louvre windows or grilles E06B7/08; lamellar blinds E06B9/26)

References relevant to classification in this group

This subclass/group does not cover:

| | |
|----------------------------------|---------------------------|
| Louvre windows or grilles | E06B 7/08 |
| Lamellar blinds; Venetian blinds | E06B 9/26 |

E06B 9/24

Screens or other constructions affording protection against light, especially against sunshine; Similar screens for privacy or appearance; [N: Slat blinds] (operating, guiding or securing devices or arrangements for roll-type closures E06B9/56; free-hanging flexible screens A47H23/00)

References relevant to classification in this group

This subclass/group does not cover:

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|--|----------------------------|
| Curtains; Draperies; Free-hanging flexible screens | A47H 23/00 |
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Informative references

Attention is drawn to the following places, which may be of interest for search:

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|---|-----------------------------|
| Screens for household or table | A47G 5/00 |
| Screens for vehicles | B60J 1/2011 |
| Removable non-load-bearing partitions | E04B 2/74 |
| Operating, guiding or securing devices or arrangements for roll-type closures | E06B 9/56 |

E06B 9/52

**Devices affording protection against insects, e.g. fly screens;
Mesh windows for other purposes [N: screens A47G5/00]**

References relevant to classification in this group

This subclass/group does not cover:

| | |
|--------------------------------|---------------------------|
| Screens for household or table | A47G 5/00 |
|--------------------------------|---------------------------|

E06B 9/56

Operating, guiding or securing devices or arrangements for roll-type closures; Spring drums; Tape drums; Counterweighting arrangements therefor (devices of general interest specially adapted or mounted for storing and repeatedly paying-out and re-storing lengths of material B65H75/34)

References relevant to classification in this group

This subclass/group does not cover:

| | |
|---|----------------------|
| Suspension devices for wings | E05D |
| Operating mechanisms for wings in general | E05F |

Informative references

Attention is drawn to the following places, which may be of interest for search:

| | |
|---|------------------------------|
| Devices of general interest specially adapted or mounted for storing and repeatedly paying-out and re-storing lengths of material | B65H 75/34 |
| Power operated wings | E05F 15/00 |
| Programme-control systems | G05B 19/00 |
| Signalling or calling systems | G08B |
| Motor control | H02P |
| Home automation | H04L 12/2803 |

E06B 11/00

Means for allowing passage through fences, barriers or the like, e.g. stiles (general features of doors E06B1/00 to E06B9/00; [N: cattle grids A01K3/002; features peculiar to electrified wire fencing A01K3/005])

Definition statement

This subclass/group covers:

Closures for allowing passage through fences; entry gates; turnstiles; safety gates for unloading docks

References relevant to classification in this group

This subclass/group does not cover:

| | |
|---|----------------------------|
| Suspension of gates per se | E05D |
| Cattle grids | A01K 3/002 |
| Features peculiar to electrified wire fencing | A01K 3/005 |
| Road barriers and traffic gates | E01F 13/00 |

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| Turnstiles with registering means | G07C 9/02 |
| Coin-free facilities for turnstiles | G07F 17/14 |

Informative references

Attention is drawn to the following places, which may be of interest for search:

| | |
|-------------------------|---------------------------|
| Bank protection devices | E05G 5/00 |
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