

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:

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

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:

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:

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

constructions therefor	
Trap-doors	E06B 5/01

Informative references

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

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:

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

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:

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:

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 maingroup

This subclass/group does not cover:

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:

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:

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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

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:

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:

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:

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:

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:

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
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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

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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