

CPC COOPERATIVE PATENT CLASSIFICATION

B PERFORMING OPERATIONS; TRANSPORTING

(NOTES omitted)

SHAPING

B21 MECHANICAL METAL-WORKING WITHOUT ESSENTIALLY REMOVING MATERIAL; PUNCHING METAL

(NOTES omitted)

B21G MAKING NEEDLES, PINS OR NAILS OF METAL

WARNING

In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

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|-------------|---|-------------|---|
| 1/00 | Making needles used for performing operations
(forming heads on pin-like needles B21G 3/12 ;
making U-shaped hairpins B21G 7/04) | 3/24 | . . . by simultaneously forming the head of one nail
and the adjacent point of another |
| 1/003 | . {Needles for special purposes, e.g. knitting, crochet,
hat-pins} | 3/26 | . . by cutting from strip or sheet material |
| 1/006 | . {Special treatments of pins or needles, e.g.
annealing, straightening} | 3/28 | . . by forging or pressing |
| 1/02 | . of needles with eyes, e.g. sewing-needles, sewing-
awls | 3/30 | . . by rolling |
| 1/04 | . . of needles specially adapted for use in machines
or tools | 3/32 | . Feeding material to be worked to nail or pin making
machines |
| 1/06 | . of needles with hook or barb, e.g. crochet hooks | 5/00 | Making pins or nails with attached caps or with
coated heads |
| 1/08 | . of hollow needles or needles with hollow end, e.g.
hypodermic needles, larding-needles (B21G 1/10
takes precedence) | 5/02 | . of drawing-pins or pins of drawing-pin type |
| 1/10 | . equipped with locking means for the material to be
drawn through, e.g. for repairing tubeless tyres | 7/00 | Making pins of U-like shape or split-pins (of paper
fasteners or staples B21D 53/46, B21F 45/16) |
| 1/12 | . Securing, cleaning-off burrs, reconditioning
polishing, grinding (takes precedence over
B21G 1/02 - B21G 1/10) | 7/02 | . of U-like shape |
| 3/00 | Making pins, nails, or the like (of pins with
individual caps B21G 5/00; of U-like shape
B21G 7/00; of split-pins B21G 7/08) | 7/04 | . . of hairpins |
| 3/005 | . {Nails or pins for special purposes, e.g. curtain
pins} | 7/06 | . . . of undulated hairpins |
| 3/02 | . of pins of the kind used in the tailoring trade or the
house- hold | 7/08 | . of split-pins, e.g. cotter-pins |
| 3/04 | . . with locking or shielding device for the pin point,
e.g. safety-pins | | |
| 3/06 | . of nails with shoulders | | |
| 3/08 | . of nails with head and two or more shanks or split
shanks | | |
| 3/10 | . of undulated nails or pins | | |
| 3/12 | . Upsetting; Forming heads | | |
| 3/14 | . Reducing diameter of parts otherwise than by
rolling | | |
| 3/16 | . Pointing; with or without cutting | | |
| 3/18 | . by operations not restricted to one of the groups
B21G 3/12 - B21G 3/16 (B21G 3/06 - B21G 3/10
take precedence) | | |
| 3/20 | . . from wire of indefinite length (by rolling
B21G 3/30) | | |
| 3/22 | . . . in pairs arranged head to head | | |