

Title (en)
Self-inking hand stamp.

Title (de)
Selbstfärbestempel.

Title (fr)
Timbre à encrage automatique.

Publication
EP 0456631 B1 19940309 (DE)

Application
EP 91890071 A 19910409

Priority
AT 102290 A 19900507

Abstract (en)
[origin: EP0456631A1] A self-inking hand stamp has a lower part (1) to be placed on the surface to be stamped, a stamp insert which is guided in said lower part rectilinearly, can be displaced towards the set-down surface against spring force and supports a printing plate (4) or the like, and an inking roller (8) which is held by two pivoting arms (5) mounted in the lower part (1) and itself receives the ink supply. In the rest position of the stamp insert (3), the inking roller (8) bears against the edge of the stamp insert (3) opposite the pivot bearing (7) of the pivot arm (5) under the action of a return spring (9) assigned to the pivot arms (5). On movement of the stamp insert towards the set-down surface, the inking roller (8) rolls over the printing plate (4) or the like, delivering ink, finally to be deflected to the side of the stamp insert (3). In order, with more simple construction, to ensure perfect operation, the two pivot arms (5) lying inside the side walls of the lower part (1) are connected to form a rigid bow (5, 6) by a transverse part (6) forming their pivot shaft. The pivot bearing (7) of this bow (5, 6) is arranged in the projection onto the set-down surface next to the edge of the stamp insert (3) parallel to the inking roller (8). <IMAGE>

IPC 1-7
B41K 1/42

IPC 8 full level
B41K 1/42 (2006.01); **B41K 3/60** (2006.01)

CPC (source: EP)
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