

Title (en)

Device for locking a tool on a machine tool, particularly a plate bending press

Title (de)

Vorrichtung zum Verriegeln eines Werkzeugs an einer Werkzeugmaschine, insbesondere an einer Biegepresse

Title (fr)

Dispositif de verrouillage d'un outil dans une machine outil, notamment dans une presse plieuse

Publication

EP 1884298 B1 20090318 (EN)

Application

EP 06425566 A 20060804

Priority

EP 06425566 A 20060804

Abstract (en)

[origin: EP1884298A1] A device (1) for locking a tool (2) on a machine tool comprising a first jaw (3) and a second jaw (4), which can move toward each other and away from each other, and at least one safety hook (5), which is interposed between the first jaw and the second jaw and is provided with a retention tooth (51) adapted to enter a cavity (21) provided in the shank (20) of a tool (2), characterized in that the second jaw (4) is provided with at least one seat (41) which is open toward the first jaw (3) and with a transverse bar (43) which is accommodated in said seat (41) and is rigidly associated with the second jaw (4), the safety hook (5) being supported so that it can move by the second jaw (4) and having a claw-shaped portion (50) which is directed toward the first jaw (3) and is accommodated in the space of the seat (41) that is delimited by the bar (43) and whose lower end protrudes so as to define the retention tooth (51).

IPC 8 full level

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CPC (source: EP)

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Cited by

IT202200015465A1; WO2015036981A1; CN105636715A; ITVR20100202A1; IT202000016165A1; WO2024018428A1; WO2012052942A1; WO2011141774A1; US9808846B2

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