

Title (en)
Support for a tool for material treatment

Title (de)
Träger für ein Werkzeug zur Materialbearbeitung

Title (fr)
Support pour un outil pour le traitement d'un matériau

Publication
EP 2264248 A1 20101222 (EN)

Application
EP 10166162 A 20100616

Priority
IT BS20090111 A 20090618

Abstract (en)
A support (2) for removably mounting a demolition tool (3), the tool comprising a first fixed jaw (7) to be stiffly mounted onto the support and a second movable jaw (8) matching with the first jaw, provided with at least one rotational degree of freedom with respect to the first jaw, the support being intended to be firmly mechanically coupled with the movable arm of an operating machine, wherein the support comprises four anchoring points (19), opposed two by two with respect to the support itself and intended to engage four corresponding anchoring points (20) belonging to the first jaw of the tool, so as to establish a stiff coupling between the first jaw and the support, wherein the four anchoring points of the the support include each a pin (21) and an actuator (22) associated thereto for shifting the latter from a first position in which it is not apt to engage a respective hollow (23) of the first jaw of the tool, to a second position in which it is apt to engage the respective hollow (23) of the first jaw, wherein said actuators are configured for moving the two respective opposed pins along two respective trajectories of movement (D) having opposite sense, in the movement from the first to the second position.

IPC 8 full level
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CPC (source: EP)
E02F 3/3636 (2013.01); **E02F 3/3663** (2013.01); **E02F 3/965** (2013.01)

Citation (applicant)
EP 1571265 A1 20050907 - DEMOLITION AND RECYCLING EQUIP [NL]

Citation (search report)
• [XY] DE 29708705 U1 19970710 - CATERPILLAR VIBRA RAM GMBH & C [DE]
• [Y] US 2007001041 A1 20070104 - CHRISTENSON ROSS D [US]
• [Y] US 5533682 A 19960709 - DE GIER GERTRUDIS M G [NL], et al
• [AD] EP 1571265 A1 20050907 - DEMOLITION AND RECYCLING EQUIP [NL]
• [A] FR 2822482 A1 20020927 - DORGUIN JEAN PIERRE [FR]
• [A] DE 29715490 U1 19971211 - CATERPILLAR VIBRA RAM GMBH & C [DE]

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