

Title (en)
QUICK COUPLING FOR CONNECTION OF A TOOL TO A MACHINE

Title (de)
SCHNELLKUPPLUNG ZUM ANSCHLUSS EINES WERKZEUGS AN EINER MASCHINE

Title (fr)
RACCORD RAPIDE POUR LE RACCORDEMENT D'UN OUTIL À UNE MACHINE

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Application
EP 14806868 A 20140605

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Abstract (en)
[origin: WO2014196871A1] Quick coupling (1) for fastening of a tool (4) to a machine (8) is described, comprising a frame (14) equipped with ordinary fastening appliances (2) for fastening to the machine (8) and a pressure cylinder (7) arranged to drive a first and a second locking device (5, 6) in opposite directions and engage with respective first and second fastening shafts (3) on the tool (4), where at least one of said locking devices (5) comprises a cradle (16) with an internal approximate U-shape that is arranged to contain the fastening shaft (3), and which is mounted to rotate eccentrically with respect to the centre axis of the fastening shaft (3) under the influence of the pressure cylinder (7). The quick coupling (1) is equipped with a locking- and securing device (30) to prevent that the cradle (16) rotates out of its engagement with the fastening shaft (3), where the locking- and securing device (30) comprises a pin (32) that is arranged to be inserted into a recess (18) on the cradle (16).

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Citation (search report)
• [X1] WO 2008031590 A2 20080320 - HILL IAN [GB]
• [X1] KR 20110005057 A 20110117 - EVERDIGM CO LTD [KR]
• See references of WO 2014196871A1

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