

Title (en)

SAFETY DEVICE FOR QUICK-FIT ATTACHMENTS USED FOR FITTING A TOOL TO THE END OF THE ARM OF A HYDRAULIC EXCAVATOR

Title (de)

SICHERHEITSVORRICHTUNG FÜR EINE SCHNELLKUPPLUNG ZUR BEFESTIGUNG EINES WERKZEUGS AM ENDE EINES HYDRAULIKBAGGERARMS

Title (fr)

DISPOSITIF DE SÉCURITÉ POUR ATTACHES RAPIDES PERMETTANT DE FIXER UN OUTIL À L'EXTRÉMITÉ DU BRAS D'UNE PELLE HYDRAULIQUE.

Publication

EP 2732102 A1 20140521 (FR)

Application

EP 12732687 A 20120524

Priority

- FR 1102186 A 20110712
- FR 2012000207 W 20120524

Abstract (en)

[origin: WO2013007885A1] Safety device for quick-fit attachments comprising two parts (1) and (2), of which one (1) is borne by the arm of the digger while the other (2) is secured to the tool (for example a dipper), said first part having a cradle (3) formed by a pair of hooks, able to grasp hold of a shaft (4) belonging to the second part in order to raise the tool and allow the first part to pivot so that the two parts can be pressed against one another to allow for locking, characterized in that each part of the attachment has a member (7) able to collaborate with a member (8) of the other part if the weight of the tool being picked up does not exceed the capacity of the digger, collaboration being impossible when such is not the case, so that the first part is unable to be pressed against the second and locking is prevented.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2013007885A1

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DOCDB simple family (publication)

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