

Title (en)

LOCKING DEVICE FOR COUPLING A WEAR ELEMENT TO A SUPPORT IN AN EARTH MOVING MACHINE

Title (de)

VERRIEGELUNGSVORRICHTUNG ZUR KOPPLUNG EINES VERSCHLEISSELEMENTS AN EINEN TRÄGER IN EINER ERDBEWEGUNGSMASCHINE

Title (fr)

DISPOSITIF DE VERROUILLAGE POUR ACCOUPLER UN ÉLÉMENT D'USURE À UN SUPPORT DANS UN ENGIN DE TERRASSEMENT

Publication

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Application

**EP 20715071 A 20200402**

Priority

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- EP 2020059389 W 20200402

Abstract (en)

[origin: WO2020201418A1] The present invention relates to a locking device for coupling a wear element (11) to a support (10) in an earth moving machine, having a housing (9) in the support (10) and a hole (12) in the wear element such that, in an assembled position, the housing (9) and the hole (12) are at least partially aligned. The locking device is introduced inside the housing (9), and comprises: - a locking element (1), - an internal element (2), - movement means suitable for moving the locking element (1) with respect to the internal element (2), in a reversible manner and according to a direction of movement, between a retracted position, in which the locking element is completely within the housing and completely outside the hole, and an extended position, and - elastic means which, in the extended position, exert a force that tends to move the locking element (1) closer to the internal element (2).

IPC 8 full level

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See references of WO 2020201418A1

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