

Title (en)

DEVICE FOR SECURING TEETH TO TOOTH ADAPTERS OF AN EARTH-MOVING MACHINE THROUGH PINS

Title (de)

VORRICHTUNG ZUM BEFESTIGEN VON ZÄHNEN AN ZAHNADAPTERN EINER ERDBEWEGUNGSMASCHINE DURCH STIFTE

Title (fr)

DISPOSITIF DE FIXATION DE DENTS À DES ADAPTATEURS DE DENTS D'UN ENGIN DE TERRASSEMENT PAR LE BIAIS DE TIGES

Publication

EP 3044380 A1 20160720 (EN)

Application

EP 14786318 A 20140910

Priority

- IT TO20130740 A 20130912
- IB 2014064394 W 20140910

Abstract (en)

[origin: WO2015036936A1] The device (1) for securing teeth (3) to a tooth adapter (4) of an earth-moving machine comprises a pin (10) to be removably inserted through at least one first aperture (12) on a tooth (3) and one second aperture (14) on a tooth adapter (4) of a machine. The pin (10) comprises at least one expanding element (20) adapted to reversibly switch from a retracted position to an extracted position by moving in a plane substantially perpendicular to the longitudinal axis (x-x) of said pin (10). The device (1) further comprises at least one retaining element (22) associated with at least one of said first and second apertures (12, 14), and provided with at least one seat (24) for at least partially receiving the expanding element (20) when said expanding element (20) is in said extracted position.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2015036936A1

Citation (examination)

US 3888133 A 19750610 - KREKELER CLAUDE B

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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