

Title (en)

METHOD AND DEVICE FOR CONNECTING A WEAR PART TO THE SUPPORT THEREOF ON MATERIAL-HANDLING DEVICES ON HEAVY-CONSTRUCTION MACHINERY

Title (de)

VERFAHREN UND VORRICHTUNG ZUR VERBINDUNG EINES VERSCHLEISSTEILS MIT SEINEM TRÄGER AN MATERIALHANDHABUNGSVORRICHTUNGEN AN SCHWEREN BAUMASCHINEN

Title (fr)

PROCEDE ET DISPOSITIF DE LIAISON ENTRE UNE PIECE D'USURE ET SON SUPPORT MIS EN JEU SUR LES EQUIPEMENTS DE MANUTENTION DE MATERIAUX PAR LES ENGINS DE TRAVAUX PUBLICS

Publication

EP 1875006 A1 20080109 (FR)

Application

EP 06743813 A 20060419

Priority

- FR 2006050355 W 20060419
- FR 0551080 A 20050426

Abstract (en)

[origin: FR2884841A1] The device has a pin (C) disposed in axial alignment with respect to a sleeve (F) arranged in a part of an adaptor (A) and presenting an elongated body with a lower end zone formed as a pin foot (C2) at one end. The pin presents a pin head at another end. The pin has a truncated end part (C3) and a zone configured with an arrangement for anchoring the pin in a sheath. The pin is rotated to cause a misalignment with respect to its initial axis and to maintain the locking of the pin either in the sheath by anchoring, or against the metallic parts of a tooth and an adaptor in the bearing zones. An independent claim is also included for a method for implementing a device for connecting a tooth and an adaptor support.

IPC 8 full level

E02F 9/28 (2006.01)

CPC (source: EP KR US)

E02F 9/28 (2013.01 - KR); **E02F 9/2841** (2013.01 - EP US); **F16B 2200/69** (2023.08 - EP US); **F16B 2200/71** (2023.08 - EP US); **Y10T 29/53978** (2015.01 - EP US)

Citation (search report)

See references of WO 2006114538A1

Cited by

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DOCDB simple family (publication)

FR 2884841 A1 20061027; FR 2884841 B1 20081205; AU 2006239042 A1 20061102; AU 2006239042 B2 20111124; BR PI0608171 A2 20161011; CA 2606243 A1 20061102; CN 101203646 A 20080618; CN 101203646 B 20111012; EP 1875006 A1 20080109; KR 20080000616 A 20080102; RU 2007143376 A 20090610; RU 2392391 C2 20100620; US 2008184603 A1 20080807; US 7690137 B2 20100406; WO 2006114538 A1 20061102

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