

Title (en)

ASSEMBLY FOR COUPLING WEAR PARTS TO SUPPORT TOOLS FOR HEAVY-CONSTRUCTION MACHINERY

Title (de)

ANORDNUNG ZUR VERBINDUNG VON VERSCHLEISSTEILEN MIT STÜTZWERKZEUGEN FÜR SCHWERE BAUMASCHINEN

Title (fr)

ENSEMBLE D'ACCOUPLEMENT ENTRE DES PIECES D'USURE SUR DES OUTILS SUPPORTS POUR EQUIPEMENTS D'ENGINS DE TRAVAUX PUBLICS

Publication

EP 1819882 B1 20120307 (FR)

Application

EP 05824080 A 20051201

Priority

- FR 2005051017 W 20051201
- FR 0452840 A 20041202
- FR 0550734 A 20050322

Abstract (en)

[origin: WO2006059043A1] The invention relates to an assembly for coupling wear parts to support tools for heavy-construction machinery, of the type comprising a prong and an adapter with a key connection. The inventive assembly is characterised in that the prong and the adapter have complementary support profiles (FA) which are located in different planes and which are disposed between the respective contact and connection ends thereof. The invention is also characterised in that the aforementioned profiles are arranged in a symmetrically opposing manner on the upper (FS) and lower (FI) faces of the nose of the adapter and the prong.

IPC 8 full level

E02F 9/28 (2006.01)

CPC (source: EP KR US)

E02F 9/28 (2013.01 - KR); **E02F 9/2825** (2013.01 - EP US); **E02F 9/2841** (2013.01 - EP US); **E02F 9/2858** (2013.01 - EP US); **E02F 9/2891** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006059043 A1 20060608; AT E548516 T1 20120315; AU 2005311135 A1 20060608; AU 2005311135 B2 20110224; CA 2589554 A1 20060608; CA 2589554 C 20130205; CN 101099005 A 20080102; CN 101099005 B 20120321; EP 1819882 A1 20070822; EP 1819882 B1 20120307; ES 2383697 T3 20120625; KR 101256848 B1 20130423; KR 20070099580 A 20071009; US 2008201996 A1 20080828; US 7523572 B2 20090428

DOCDB simple family (application)

FR 2005051017 W 20051201; AT 05824080 T 20051201; AU 2005311135 A 20051201; CA 2589554 A 20051201; CN 200580046045 A 20051201; EP 05824080 A 20051201; ES 05824080 T 20051201; KR 20077015068 A 20051201; US 72034405 A 20051201