

Title (en)
CUT-OFF WHEEL COMPRISING A DOUBLE CORE CLAMPING DEVICE

Title (de)
TRENNSCHLEIFRING MIT DOPPELTER KERNSPANNVORRICHTUNG

Title (fr)
ANNEAU DE TRONÇONNEUSE À DOUBLE DISPOSITIF DE SERRAGE MÉDIAN

Publication
EP 1812206 A1 20070801 (DE)

Application
EP 05794457 A 20051018

Priority
• AT 2005000413 W 20051018
• AT 17492004 A 20041019

Abstract (en)
[origin: WO2006042352A1] The invention relates to a composite system for a cut-off wheel (1), in particular with a diameter greater than 400 mm, consisting of an abrasive external cutting ring with depressions (3) on both sides in the vicinity of the bore, two flush-fitting tensioning plates (2) being placed in said depressions to act as a core clamping device. Said clamping plates are re-usable elements, retained by the user, and transfer forces to the clamping flanges (4a + 4b) of the machine. The plates also increase stability and reduce waste.

IPC 8 full level
B24D 5/12 (2006.01); **B24D 5/16** (2006.01)

CPC (source: EP KR US)
B24D 5/12 (2013.01 - EP KR US); **B24D 5/16** (2013.01 - EP US)

Citation (search report)
See references of WO 2006042352A1

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 2006042352 A1 20060427; AT 502285 A1 20070215; AT 502285 B1 20081215; BR PI0517078 A 20080930; CA 2580972 A1 20060427; CA 2580972 C 20110426; CN 101043978 A 20070926; CN 101043978 B 20101027; EG 25574 A 20120307; EP 1812206 A1 20070801; EP 1812206 B1 20140514; JP 2008515652 A 20080515; JP 4571192 B2 20101027; KR 100879394 B1 20090120; KR 20070070229 A 20070703; MX 2007004322 A 20070504; RU 2007118639 A 20081127; RU 2366563 C2 20090910; UA 88650 C2 20091110; US 2007232212 A1 20071004; US 8113920 B2 20120214; ZA 200703143 B 20081029

DOCDB simple family (application)
AT 2005000413 W 20051018; AT 17492004 A 20041019; BR PI0517078 A 20051018; CA 2580972 A 20051018; CN 200580035876 A 20051018; EG NA2007000384 A 20070417; EP 05794457 A 20051018; JP 2007535945 A 20051018; KR 20077011560 A 20070521; MX 2007004322 A 20051018; RU 2007118639 A 20051018; UA A200704583 A 20051018; US 57666005 A 20051018; ZA 200703143 A 20070417