

Title (en)
ARBOUR FOR MILLING CUTTER

Title (de)
AUFSTECKER FÜR FRÄSWERKZEUG

Title (fr)
MANDRIN PORTE-FRAISE

Publication
EP 1778428 A1 20070502 (FR)

Application
EP 05793053 A 20050728

Priority
• FR 2005001982 W 20050728
• FR 0408756 A 20040809

Abstract (en)
[origin: WO2006024757A1] The invention relates to a milling cutter arbour which comprises a body (1) for mounting on a tool holder and which is equipped with a hub (2) for fixing a milling cutter (3), said hub (2) being hydraulically extendible. The invention is particularly suitable for use in the field of accessories for machine-tools which are digitally controlled, machining centres, flexible manufacturing systems and cells.

IPC 8 full level
B23C 5/26 (2006.01); **B23B 31/117** (2006.01); **B23B 31/40** (2006.01)

CPC (source: EP KR US)
B23B 31/117 (2013.01 - KR); **B23B 31/1176** (2013.01 - EP US); **B23B 31/305** (2013.01 - EP US); **B23B 31/40** (2013.01 - KR); **B23B 31/402** (2013.01 - EP US); **B23C 5/26** (2013.01 - KR); **B23C 5/265** (2013.01 - EP US); **Y10T 279/1021** (2015.01 - EP US); **Y10T 409/308624** (2015.01 - EP US)

Citation (examination)
US 5197720 A 19930330 - RENZ RAINER [DE], et al

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)
FR 2873944 A1 20060210; **FR 2873944 B1 20061006**; CA 2576885 A1 20060309; CN 100540193 C 20090916; CN 101076422 A 20071121; EP 1778428 A1 20070502; JP 2008509014 A 20080327; KR 20070061520 A 20070613; US 2008185792 A1 20080807; WO 2006024757 A1 20060309; WO 2006024757 A8 20070426

DOCDB simple family (application)
FR 0408756 A 20040809; CA 2576885 A 20050728; CN 200580026677 A 20050728; EP 05793053 A 20050728; FR 2005001982 W 20050728; JP 2007525319 A 20050728; KR 20077003056 A 20070208; US 66001705 A 20050728