

Title (en)
SURGICAL MILLING CUTTER AND BLADES FOR SUCH A CUTTER

Title (de)
CHIRURGISCHE FRÄSE UND KLINGEN DAFÜR

Title (fr)
FRAISE CHIRURGICALE ET LAMES POUR UNE TELLE FRAISE

Publication
EP 1965710 A1 20080910 (FR)

Application
EP 06790939 A 20061009

Priority
• CH 2006000558 W 20061009
• CH 20852005 A 20051228

Abstract (en)
[origin: WO2007073606A1] This milling cutter is composed of four blades (1a, 1b, 1c, 1d) cut out, preferably by die-stamping, from sheets of soft metal, for example stainless steel. The blades have slits (13, 15) that allow them to be inserted into one another in such a way as to obtain a cutter head. The slits have different widths, which allows them to be assembled on the rotation shaft in a number greater than two. Each blade is continued by a lower part (12). These lower parts are engaged in a flat ring (7) that keeps the assembly rigid. Two of the blades each have two lateral extensions (2) that are cut out from the blade itself and are situated in the lower part (12) of the blade. These lateral extensions are designed in such a way as to permit their insertion in notches (3) of conventional bayonet-type cutter spindles, thereby avoiding the need for an intermediate tool.

IPC 8 full level
A61B 17/16 (2006.01); **A61B 17/00** (2006.01)

CPC (source: EP US)
A61B 17/1666 (2013.01 - EP US); **A61B 17/1617** (2013.01 - EP US); **A61B 2017/00477** (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 2007073606 A1 20070705; BR PI0620862 A2 20111129; CA 2629739 A1 20070705; EP 1965710 A1 20080910;
JP 2009521962 A 20090611; US 2010292699 A1 20101118

DOCDB simple family (application)
CH 2006000558 W 20061009; BR PI0620862 A 20061009; CA 2629739 A 20061009; EP 06790939 A 20061009; JP 2008547819 A 20061009;
US 8700506 A 20061009