

Title (en)  
ENDLESS SCREW OF A CENTRIFUGE

Title (de)  
ZENTRIFUGENSCHNECKE

Title (fr)  
VIS SANS FIN DE CENTRIFUGEUSE

Publication  
**EP 2104570 A1 20090930 (DE)**

Application  
**EP 07856193 A 20071120**

Priority  
• EP 2007010014 W 20071120  
• DE 102006058431 A 20061212

Abstract (en)  
[origin: WO2008071290A1] The invention relates to an endless screw of a centrifuge for discharging centrifuged material from a centrifuge, comprising a series of thin ceramic plates which are fixed next to one another at the outer edge of the screw, characterized in that at least two formed ceramic projections, particularly ceramic pins, protrude from the thin ceramic plates and are arranged in one or two lateral faces of the edge of the screw, i.e. in recesses which are profiled according to the protrusions or pins.

IPC 8 full level  
**B04B 1/20** (2006.01)

CPC (source: EP US)  
**B04B 1/2008** (2013.01 - EP US)

Citation (search report)  
See references of WO 2008071290A1

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**DE 102006058431 A1 20080619**; AU 2007331784 A1 20080619; AU 2007331784 B2 20111222; CN 101528354 A 20090909;  
CN 101528354 B 20121010; EP 2104570 A1 20090930; EP 2104570 B1 20160504; PL 2104570 T3 20161130; US 2010016140 A1 20100121;  
US 8523751 B2 20130903; WO 2008071290 A1 20080619; ZA 200902576 B 20100331

DOCDB simple family (application)  
**DE 102006058431 A 20061212**; AU 2007331784 A 20071120; CN 200780040081 A 20071120; EP 07856193 A 20071120;  
EP 2007010014 W 20071120; PL 07856193 T 20071120; US 51880207 A 20071120; ZA 200902576 A 20090415