

Title (en)

SEPARATOR DISC AND CENTRIFUGE COMPRISING SUCH SEPARATOR DISCS

Title (de)

TRENNTELLER UND ZENTRIFUGE MIT SOLCHEN TRENNTELLERN

Title (fr)

DISQUE DE SEPARATION ET CENTRIFUGEUSE AVEC DES DISQUES DE SEPARATION

Publication

EP 1644121 A1 20060412 (DE)

Application

EP 04740786 A 20040708

Priority

- EP 2004007480 W 20040708
- DE 10331424 A 20030710
- DE 10358239 A 20031212

Abstract (en)

[origin: WO2005005050A1] The invention relates to a centrifuge, in particular a separator or a solid-bowl centrifuge with screw conveyer, comprising a centrifugal drum that is equipped with separator discs (1, 2). Said centrifuge is characterised in that at least some sections of the separator discs (1, 2) are subjected to a treatment that modifies the surface energy.

IPC 1-7

B04B 1/08; **B04B 7/14**

IPC 8 full level

B04B 1/08 (2006.01); **B04B 7/14** (2006.01)

CPC (source: EP US)

B04B 1/08 (2013.01 - EP US); **B04B 7/14** (2013.01 - EP US); **B04B 2001/2066** (2013.01 - EP US)

Citation (search report)

See references of WO 2005005050A1

Cited by

DE102011050046A1; WO2012150125A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2005005050 A1 20050120; AT E399594 T1 20080715; DE 502004007500 D1 20080814; EP 1644121 A1 20060412; EP 1644121 B1 20080702; EP 1644121 B2 20150715; ES 2309532 T3 20081216; ES 2309532 T5 20151126; JP 2009514657 A 20090409; JP 4856540 B2 20120118; US 2007066476 A1 20070322

DOCDB simple family (application)

EP 2004007480 W 20040708; AT 04740786 T 20040708; DE 502004007500 T 20040708; EP 04740786 A 20040708; ES 04740786 T 20040708; JP 2006518140 A 20040708; US 56365404 A 20040708