

Title (en)

SOLID BOWL HELICAL CONVEYOR CENTRIFUGE COMPRISING AN ADJUSTABLE OUTLET FOR SOLIDS

Title (de)

VOLLMANTEL-SCHNECKENZENTRIFUGE MIT EINSTELLBAREM FESTSTOFFAUSTRAG

Title (fr)

CENTRIFUGEUSE A TRANSPORT HELICOIDAL A BOL PLEIN POURVUE D'UN ORIFICE DE SORTIE REGLABLE POUR MATIERE SOLIDES

Publication

EP 1585599 B1 20060607 (DE)

Application

EP 03813904 A 20031219

Priority

- EP 0314665 W 20031219
- DE 10261520 A 20021223

Abstract (en)

[origin: WO2004058409A2] The invention relates to a solid bowl helical conveyor centrifuge comprising a rotatable drum (3) having an especially horizontally oriented rotational axis, a rotatable worm (5) which is arranged in the drum (3), and at least one solids outlet (17) oriented at an angle to the rotational axis of the solid bowl helical conveyor centrifuge and used to remove solids from the drum (3). To this end, an adjusting device arranged in the axial extension of the worm is associated with the at least one outlet (17) for the solids and is used to modify the cross-section thereof.

IPC 8 full level

B04B 1/00 (2006.01); **B04B 1/20** (2006.01)

CPC (source: EP US)

B04B 1/20 (2013.01 - EP US); **B04B 2001/2091** (2013.01 - EP US)

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 PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004058409 A2 20040715; WO 2004058409 A3 20090416; AT E328668 T1 20060615; DE 10261520 A1 20040708; DE 50303757 D1 20060720; DK 1585599 T3 20061009; EP 1585599 A2 20051019; EP 1585599 B1 20060607; ES 2263073 T3 20061201; JP 2006520677 A 20060914; JP 4520307 B2 20100804; US 2006089247 A1 20060427; US 7311654 B2 20071225

DOCDB simple family (application)

EP 0314665 W 20031219; AT 03813904 T 20031219; DE 10261520 A 20021223; DE 50303757 T 20031219; DK 03813904 T 20031219; EP 03813904 A 20031219; ES 03813904 T 20031219; JP 2004562810 A 20031219; US 53944405 A 20050620