

Title (en)

Solid wall helical centrifuge with pressure plate

Title (de)

Vollmantel-Schneckenzenrifuge mit einer Stauscheibe

Title (fr)

Centrifugeuse à vis sans fin à bol plein dotée d'une chicane de mesure

Publication

EP 1949966 B1 20160504 (DE)

Application

EP 08001302 A 20080124

Priority

DE 102007003928 A 20070126

Abstract (en)

[origin: EP1949966A1] The centrifuge has a rotary drum and a screw rotated to the rotary drum at a rotational speed difference and arranged in the rotary drum. The screw has a helical screw blade (3) arranged at an outer circumference of a screw body. A pressure plate is arranged on the screw body and coincides in a region with the screw blade so that a wedge area (13) is formed between the pressure plate and the screw blade. A window-like recess (11) is formed in the screw blade in the wedge area to ensure flow of material through the screw blade.

IPC 8 full level

B04B 1/20 (2006.01)

CPC (source: EP)

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Cited by

DE102009001054A1; CN113374613A; WO2010097327A1

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