

Title (en)

Drive device for screw centrifuges

Title (de)

Antriebsvorrichtung für Schneckenzenrifugen

Title (fr)

Dispositif d'entraînement pour des centrifugeuses hélicoïdales

Publication

EP 1618961 A1 20060125 (DE)

Application

EP 05106069 A 20050705

Priority

DE 102004034409 A 20040716

Abstract (en)

The device has a rotating drum (12) for supporting a screw (14), and a driving motor coupled to the drum to actuate the drum. A screw driving motor comprises a housing that is permanently fixed to the drum to rotate with the motor. A torque motor is mounted in the housing and rotatably coupled to the screw, where the torque and drum driving motors are disconnected from one another.

IPC 8 full level

B04B 1/20 (2006.01)

CPC (source: EP US)

B04B 1/2016 (2013.01 - EP US); **B04B 9/04** (2013.01 - EP US)

Citation (search report)

- [X] DE 1178791 B 19640924 - HEINRICH DESCH G M B H
- [A] DE 4107485 A1 19920910 - SANGERHAUSEN GMBH MASCHF [DE]

Cited by

CN112090596A

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)

EP 1618961 A1 20060125; EP 1618961 A3 20061102; EP 1618961 B1 20081203; AT E416032 T1 20081215; DE 102004034409 A1 20060202; DE 502005006120 D1 20090115; ES 2315799 T3 20090401; US 2006014619 A1 20060119; US 7547273 B2 20090616

DOCDB simple family (application)

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