

Title (en)

DRIVE APPARATUS FOR A SEPARATOR ARRANGEMENT

Title (de)

ANTRIEBSVORRICHTUNG FÜR EINE SEPARATORANORDNUNG

Title (fr)

DISPOSITIF D'ENTRAÎNEMENT POUR UN ENSEMBLE SÉPARATEUR

Publication

EP 2852466 A2 20150401 (DE)

Application

EP 13724561 A 20130515

Priority

- DE 102012104411 A 20120522
- EP 2013060083 W 20130515

Abstract (en)

[origin: WO2013174701A2] Drive apparatus for a separator drum having a vertical rotation axis (D) and an inflow line for a material which is to be processed by centrifuging, wherein a drive spindle (2) for the centrifuge drum is provided, it being possible for said drive spindle to be rotated by means of a motor (20, 21) which is designed as a direct drive and has a stator (21) and a rotor (20), wherein the drive apparatus is arranged in a drive housing (4) which has a motor housing section (16) which is designed in the form of an explosion-protected structure that is encapsulated in a pressure-resistant manner and in which the motor comprising the stator (20) and the rotor (21) is accommodated.

IPC 8 full level

B04B 9/04 (2006.01); **B04B 9/12** (2006.01); **B04B 15/00** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2013174701A2

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DE 102013105006 A1 20131128; AU 2013265479 A1 20141127; AU 2013265479 B2 20171214; BR 112014028789 A2 20170627; BR 112014028789 B1 20210914; CN 104703705 A 20150610; EP 2852466 A2 20150401; EP 2852466 B1 20190424; KR 102107259 B1 20200506; KR 20150015513 A 20150210; US 10155231 B2 20181218; US 2015141231 A1 20150521; WO 2013174701 A2 20131128; WO 2013174701 A3 20150416

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