

Title (en)
SECTIONAL DRIVE FOR A SLEWING RING IN A FILLING INSTALLATION

Title (de)
SEKTIONALER ANTRIEB EINES DREHKRANZES FÜR EINE ABFÜLLANLAGE

Title (fr)
ENTRAÎNEMENT SECTIONNEL D'UNE COURONNE ROTATIVE D'UN DISPOSITIF DE REMPLISSAGE

Publication
EP 2059471 A1 20090520 (DE)

Application
EP 07818032 A 20070816

Priority
• EP 2007007226 W 20070816
• DE 102006039090 A 20060819

Abstract (en)
[origin: WO2008022737A1] A drive for rotational machines, having stationary and rotating machine parts, is to be improved such that it has a simpler and more inexpensive design, while maintaining the control and regulating accuracy, and at the same time is subject to less wear and tear and less prone to failure. This is achieved in that a ring around the periphery of a machine part is provided, the ring comprising a plurality of magnets (27, 37), and that at least one corresponding stator (28, 38), covering only a partial segment of the ring, is disposed on the other machine part such that the rotating machine part (23) can be put into a defined rotation by an electromagnetic field generated by the stator (28, 38).

IPC 8 full level
B67C 7/00 (2006.01); **H02K 41/03** (2006.01)

CPC (source: EP US)
B67C 3/22 (2013.01 - EP US); **B67C 7/004** (2013.01 - EP US); **H02K 41/031** (2013.01 - EP US); **H02K 2201/15** (2013.01 - EP US)

Citation (search report)
See references of WO 2008022737A1

Citation (examination)
• DD 264413 A1 19890201 - NAGEMA VEB K [DD]
• US 2004021395 A1 20040205 - MASLOV BORIS A [US], et al

Citation (third parties)
Third party :
DD 264413 A1 19890201 - NAGEMA VEB K [DD]

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
DE 102006039090 A1 20080221; BR PI0714532 A2 20130430; CN 101679011 A 20100324; CN 101679011 B 20120919; EP 2059471 A1 20090520; JP 2010502160 A 20100121; MX 2009001833 A 20090303; US 2010037988 A1 20100218; US 8302767 B2 20121106; WO 2008022737 A1 20080228

DOCDB simple family (application)
DE 102006039090 A 20060819; BR PI0714532 A 20070816; CN 200780052053 A 20070816; EP 07818032 A 20070816; EP 2007007226 W 20070816; JP 2009524123 A 20070816; MX 2009001833 A 20070816; US 37298109 A 20090218