

Title (en)  
RING MOTOR

Title (de)  
RINGMOTOR

Title (fr)  
MOTEUR ANNULAIRE

Publication  
**EP 2114573 A1 20091111 (DE)**

Application  
**EP 08707937 A 20080116**

Priority  
• EP 2008050447 W 20080116  
• DE 102007005131 A 20070201

Abstract (en)  
[origin: DE102007005131B3] The ring motor (1) comprises a stator (6) and a rotor (12) formed as rotary mill body (10). The stator has two different excitation systems and the mill body has a toothed structure. The toothed structure interacts electromagnetically with the exciter systems of the stator and cause rotation of the mill body. The exciter systems are implemented as current flowing coil system (4) and permanent magnetic system. The coil system is accommodated in slots of the stator and the permanently excited magnetic system is arranged in the form of permanent magnet in the stator.

IPC 8 full level  
**B02C 17/24** (2006.01); **H02K 1/16** (2006.01); **H02K 7/14** (2006.01); **H02K 21/38** (2006.01)

CPC (source: EP US)  
**B02C 17/24** (2013.01 - EP US); **H02K 1/16** (2013.01 - EP US); **H02K 21/44** (2013.01 - EP US); **H02K 7/14** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**DE 102007005131 B3 20080131**; AR 065127 A1 20090520; AU 2008209912 A1 20080807; AU 2008209912 B2 20120202; BR PI0806933 A2 20140506; CA 2677020 A1 20080807; CL 2008000288 A1 20090925; CN 101610849 A 20091223; CN 101610849 B 20120704; EP 2114573 A1 20091111; MX 2009008091 A 20090812; PE 20081748 A1 20090131; RU 2009132543 A 20110310; RU 2452578 C2 20120610; US 2010033035 A1 20100211; US 8129881 B2 20120306; WO 2008092746 A1 20080807; ZA 200903234 B 20100428

DOCDB simple family (application)  
**DE 102007005131 A 20070201**; AR P080100417 A 20080201; AU 2008209912 A 20080116; BR PI0806933 A 20080116; CA 2677020 A 20080116; CL 2008000288 A 20080130; CN 200880003768 A 20080116; EP 08707937 A 20080116; EP 2008050447 W 20080116; MX 2009008091 A 20080116; PE 2008000227 A 20080131; RU 2009132543 A 20080116; US 52450108 A 20080116; ZA 200903234 A 20090511