

Title (en)
ELECTROMECHANICAL MOTOR

Title (de)
ELEKTROMECHANISCHER MOTOR

Title (fr)
MOTEUR ÉLECTROMÉCANIQUE

Publication
EP 2041812 A1 20090401 (DE)

Application
EP 07787210 A 20070709

Priority
• EP 2007056928 W 20070709
• DE 102006032996 A 20060717

Abstract (en)
[origin: WO2008009577A1] The invention relates to an electromechanical motor (1), especially a piezoelectric ring motor. Said ring motor comprises a drive ring (20) having piezoelectric multilayer actuators (10) as the driving elements. Said piezoelectric multilayer actuators (10) are prestressed by prestressing elements (40) which extend in parallel to the effective direction (12) of the piezoelectric multilayer actuators (10) and beyond the piezoelectric multilayer actuators (10) and at least along at least some sections of at least one lateral surface (24) of the drive ring (20).

IPC 8 full level
H01L 41/09 (2006.01)

CPC (source: EP)
H02N 2/105 (2013.01)

Citation (search report)
See references of WO 2008009577A1

Citation (examination)
US 5079471 A 19920107 - NYGREN JR WILLIAM D [US]

Cited by
RU2621712C2; RU2654690C2; RU2654690C9

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)
WO 2008009577 A1 20080124; DE 102006032996 A1 20080131; EP 2041812 A1 20090401

DOCDB simple family (application)
EP 2007056928 W 20070709; DE 102006032996 A 20060717; EP 07787210 A 20070709