

Title (en)
DRIVING WHEEL ASSEMBLY

Title (de)
LENKRADANORDNUNG

Title (fr)
ENSEMBLE DE ROUE D'ENTRAÎNEMENT

Publication
EP 2912982 B1 20170628 (EN)

Application
EP 15160798 A 20120817

Priority
• US 201161530019 P 20110901
• KR 20110101418 A 20111005
• EP 12180884 A 20120817

Abstract (en)
[origin: EP2912982A1] A driving wheel assembly including a driving wheel, a housing, a driving motor, a rotary member with rotation around a rotation shaft of the driving motor, where the rotary member includes a first unit and a second unit disposed at a position opposite to the driving wheel with respect to the rotation shaft of the driving motor, and a compression coil spring disposed between the housing and the second unit to apply pressure to the second unit, where a distance between a contact point where the compression coil spring and the second unit contact and the rotation shaft of the driving motor is shorter than a distance between a rotation shaft of the driving wheel and a rotation shaft of the driving motor.

IPC 8 full level
A47L 9/10 (2006.01); **A47L 11/40** (2006.01)

CPC (source: EP KR)
A47L 9/00 (2013.01 - KR); **A47L 9/009** (2013.01 - EP); **A47L 9/28** (2013.01 - KR); **A47L 2201/06** (2013.01 - EP)

Cited by
CN109480704A; US11559182B2; US11903541B2; US11963647B2

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

DOCDB simple family (publication)
EP 2912982 A1 20150902; EP 2912982 B1 20170628; KR 101778542 B1 20170918; KR 101880089 B1 20180723;
KR 20130025309 A 20130311; KR 20130025310 A 20130311

DOCDB simple family (application)
EP 15160798 A 20120817; KR 20110100467 A 20111004; KR 20110101418 A 20111005