

Title (en)

TRANSMISSION FOR A WHEELED VEHICLE WITH A WALKING DRIVER, AND WHEELED VEHICLE EQUIPPED WITH SUCH A TRANSMISSION

Title (de)

GETRIEBE FÜR EIN RADFAHRZEUG MIT EINEM MITNEHMERANTRIEB SOWIE RADFAHRZEUG MIT SOLCH EINEM GETRIEBE

Title (fr)

TRANSMISSION POUR ENGIN ROULANT A CONDUCTEUR MARCHANT, ET ENGIN ROULANT EQUIPE D'UNE TELLE TRANSMISSION

Publication

EP 2989341 A1 20160302 (FR)

Application

EP 14721917 A 20140408

Priority

- FR 1353703 A 20130423
- FR 2014050836 W 20140408

Abstract (en)

[origin: WO2014174173A1] A transmission for a wheeled vehicle with a walking driver, comprising at least one casing (2) housing a driving member (3), equipped with motor means (4) for driving in rotation, a rotary driven member (5), two coaxial wheel drive shafts (6A; 6B), two clutch mechanisms (8) each disposed between the driven member (5) and a wheel drive shaft (6A; 6B), each clutch mechanism (8) being activated by the driving in rotation of the driven member (5) in a forward gear, and capable of being deactivated by the driving in rotation in a forward gear of the wheel drive shaft (6A; 6B) with which it is engaged, when the speed of rotation of the wheel drive shaft (6A; 6B) is higher than the speed of rotation of the driven member (5). The motor means (4) for driving in rotation of the driving member (3) are motor means with two controlled directions of rotation, and each clutch mechanism (8) can be deactivated by simply driving the driven member (5) in reverse.

IPC 8 full level

F16D 41/04 (2006.01); **A01D 34/68** (2006.01)

CPC (source: EP US)

A01D 34/6806 (2013.01 - US); **A01D 34/6812** (2013.01 - EP US); **A01D 34/69** (2013.01 - EP US); **F16D 41/04** (2013.01 - US); **F16H 37/0813** (2013.01 - EP US); **F16D 41/04** (2013.01 - EP); **F16H 48/16** (2013.01 - EP US); **F16H 48/19** (2013.01 - EP US)

Citation (search report)

See references of WO 2014174173A1

Citation (examination)

US 2012090429 A1 20120419 - CIBIEN ANGELO [IT]

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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