Title (en)

MOTION TRANSMITTING DEVICE WITH EPICYCLIC REDUCTION GEARING, EPICYCLIC REDUCTION GEARING AND MANIPULATING ARM

Title (de)

BEWEGUNGSÜBERTRAGUNGSVORRICHTUNG MIT EPIZYKLISCHEM UNTERSETZUNGSGETRIEBE, EPIZYKLISCHES UNTERSETZUNGSGETRIEBE UND MANIPULATIONSARM

Title (fr)

DISPOSITIF DE TRANSMISSION DE MOUVEMENT A REDUCTEUR EPICYCLOIDAL, REDUCTEUR EPICYCLOIDAL ET BRAS DE MANIPULATION

Publication

EP 2872299 A1 20150520 (FR)

Application

EP 13732558 A 20130701

Priority

- FR 1256690 A 20120711
- EP 2013063830 W 20130701

Abstract (en)

[origin: WO2014009192A1] Device for transmitting motion between a motor (8, 8a) and a mobile member, comprising an epicyclic reduction gearing comprising a first sun wheel (2.1) and a second sun wheel (2.2) which are coaxial and are connected by means of transmission respectively to at least one first planet wheel (3.1) and one second planet wheel (3.2) which are borne coaxial with one another by a planet carrier (5) mounted to pivot eccentrically about the axis of the sun wheels, characterized in that the transmission means comprise flexible transmission members (6a, 7a) wound respectively around the first sun wheel and the first planet wheel and around the second sun wheel and the second planet wheel. Epicyclic reduction gearing and manipulation arm comprising such a device.

IPC 8 full level

B25J 9/10 (2006.01); **F16H 19/06** (2006.01)

CPC (source: EP US)

B25J 9/102 (2013.01 - EP US); **B25J 9/104** (2013.01 - EP US); **B25J 9/1045** (2013.01 - US); **F16H 19/005** (2013.01 - EP US); **F16H 19/06** (2013.01 - US); **F16H 19/08** (2013.01 - US); F16H 2019/085 (2013.01 - US); Y10T 74/20323 (2015.01 - EP US)

Citation (search report)

See references of WO 2014009192A1

Citation (examination)

DE 3213655 A1 19831027 - RHEIN RUHR GUMMI GMBH [DE]

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)

EP 2013063830 W 20130701; EP 13732558 A 20130701; FR 1256690 A 20120711; JP 2015520896 A 20130701; US 201314413797 A 20130701