

Title (en)
HOMOCINETIC JOINT AND ARTICULATED SHAFT

Title (de)
GLEICHLAUFGELENK UND GELENKWELLE

Title (fr)
JOINT HOMOCINÉTIQUE ET ARBRE DE TRANSMISSION

Publication
EP 2427667 A2 20120314 (DE)

Application
EP 10719588 A 20100428

Priority
• EP 2010002605 W 20100428
• DE 202009006696 U 20090508

Abstract (en)
[origin: WO2010127794A2] The invention relates to a homocinetic joint comprising an inner hub (3), an outer hub (4), a pin (9) which can be connected to the outer hub for connecting the joint, and a reinforcing ring (7) which can be connected in a positive fit to the outer hub, said reinforcing ring surrounding the outer hub (4) in a rotationally fixed manner, and comprises at least one stop area (7a, 7b) which defines the position of the outer hub (4) in the reinforcing ring (7) in a first axial direction. The pin (9) comprises, for example, a flange-type shoulder area (8) having an axial stop surface (8a) which defines the position of the outer hub (4) in the reinforcing ring (7) in a second axial direction which is opposite the first axial direction, the pin (9) being fixed on the reinforcing ring (7).

IPC 8 full level
F16D 3/223 (2011.01); **F16D 3/84** (2006.01)

CPC (source: EP US)
F16D 3/223 (2013.01 - EP US); **F16D 3/845** (2013.01 - EP US); **F16D 3/065** (2013.01 - EP US); **F16D 2003/22306** (2013.01 - EP US); **F16D 2003/22316** (2013.01 - EP US); **F16D 2003/22326** (2013.01 - EP US); **F16D 2300/06** (2013.01 - EP US)

Citation (search report)
See references of WO 2010127794A2

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
DE 202009006696 U1 20100923; BR PI1011577 A2 20190409; CN 102422039 A 20120418; EP 2427667 A2 20120314; EP 2505861 A1 20121003; EP 2505862 A1 20121003; EP 2508770 A1 20121010; JP 2012526245 A 20121025; US 2012129616 A1 20120524; WO 2010127794 A2 20101111; WO 2010127794 A3 20110127

DOCDB simple family (application)
DE 202009006696 U 20090508; BR PI1011577 A 20100428; CN 201080020127 A 20100428; EP 10719588 A 20100428; EP 12174072 A 20100428; EP 12174077 A 20100428; EP 12174078 A 20100428; EP 2010002605 W 20100428; JP 2012508933 A 20100428; US 201013319084 A 20100428