

Title (en)
DISENGAGEMENT SYSTEM

Title (de)
AUSRÜCKSYSTEM

Title (fr)
SYSTÈME DE DÉBRAYAGE

Publication
EP 2923099 A1 20150930 (DE)

Application
EP 13805261 A 20131028

Priority

- DE 102012221307 A 20121122
- DE 102013211614 A 20130620
- DE 2013200251 W 20131028

Abstract (en)
[origin: WO2014079429A1] The invention relates to a disengagement system for actuating a clutch, particularly for a friction clutch to be provided between an engine and a gearbox, the system having an actuating bearing (1) for actuating the clutch actuation means such as a disc spring/ disc spring tongues (6) of a clutch pressure plate (K), wherein the actuating bearing has an outer bearing ring (2), an inner bearing ring (3), rolling elements (4) arranged therebetween and a housing. The disc spring tongues are therefore supported on both sides via the actuating bearing and the clutch can be automatically actuated by means of the actuating bearing in a first actuation force direction (B1) and in a second actuation force direction (B2) opposite the first actuation force direction.

IPC 8 full level
F16D 23/14 (2006.01)

CPC (source: EP)
F16D 23/143 (2013.01); **F16D 23/145** (2013.01); **F16D 25/083** (2013.01); **F16D 25/087** (2013.01); **F16D 2023/141** (2013.01);
F16D 2048/0254 (2013.01); **F16D 2500/10412** (2013.01); **F16D 2500/1045** (2013.01)

Citation (search report)
See references of WO 2014079429A1

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)
DE 102013221841 A1 20140522; CN 104822958 A 20150805; CN 104822958 B 20180323; DE 112013005608 A5 20150827;
EP 2923099 A1 20150930; IN 3106DEN2015 A 20151002; WO 2014079429 A1 20140530

DOCDB simple family (application)
DE 102013221841 A 20131028; CN 201380060169 A 20131028; DE 112013005608 T 20131028; DE 2013200251 W 20131028;
EP 13805261 A 20131028; IN 3106DEN2015 A 20150414