

Title (en)  
ACTUATOR

Title (de)  
AKTUATOR

Title (fr)  
ACTIONNEUR

Publication  
**EP 2932582 A2 20151021 (DE)**

Application  
**EP 13805859 A 20131212**

Priority  
• DE 102012223288 A 20121214  
• EP 2013076416 W 20131212

Abstract (en)  
[origin: WO2014090953A2] The invention relates to an actuator comprising a metal housing (1) that consists of multiple housing parts, an electric motor (4), an actuating member (2), a transmission mechanism (3) that adapts the movement of the electric motor (4) to the actuating member (2) and an electronic system for controlling the electric motor (4). A heat sink (14) is situated in a housing part (7) consisting of plastic, said heat sink being connected to a metal housing part.

IPC 8 full level  
**H02K 5/08** (2006.01); **H02K 7/116** (2006.01); **H02K 9/22** (2006.01); **H02K 11/00** (2006.01)

CPC (source: CN EP US)  
**H02K 5/08** (2013.01 - CN EP US); **H02K 7/116** (2013.01 - CN EP US); **H02K 9/223** (2021.01 - CN EP US); **H02K 11/33** (2016.01 - EP US); **H02K 9/227** (2021.01 - CN EP US)

Citation (search report)  
See references of WO 2014090953A2

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)  
**WO 2014090953 A2 20140619**; **WO 2014090953 A3 20150402**; CN 104838568 A 20150812; CN 104838568 B 20180112; EP 2932582 A2 20151021; JP 2016501506 A 20160118; JP 6161722 B2 20170719; KR 102132053 B1 20200806; KR 20150094716 A 20150819; US 10454333 B2 20191022; US 2015326089 A1 20151112

DOCDB simple family (application)  
**EP 2013076416 W 20131212**; CN 201380064173 A 20131212; EP 13805859 A 20131212; JP 2015547028 A 20131212; KR 20157018357 A 20131212; US 201314651561 A 20131212