

Title (en)
HIGH CURRENT SWITCH

Title (de)
HOCHSTROMSCHALTER

Title (fr)
COMMUTATEUR DE COURANT HAUTE INTENSITÉ

Publication
EP 3138370 A1 20170308 (DE)

Application
EP 15718140 A 20150404

Priority
• DE 102014006346 A 20140430
• EP 2015000728 W 20150404

Abstract (en)
[origin: WO2015165568A1] The invention relates to a high current switch (2), in particular for a motor vehicle, comprising a first bus bar (4), a second bus bar (6) in addition to a first semi-conductor switch (16) which comprises a control connection (26) and a first transmission connection (20) as well as a second transmission connection (22). Said first transmission connection (20) is placed in direct contact with the first bus bar (4) and the second transmission connection (22) is placed in direct electric contact with the second bus bar (6).

IPC 8 full level
H05K 1/02 (2006.01); **B60R 16/02** (2006.01); **F02N 11/08** (2006.01); **H01L 25/07** (2006.01); **H05K 3/34** (2006.01)

CPC (source: CN EP KR US)
F02N 11/087 (2013.01 - KR); **H01H 45/00** (2013.01 - US); **H01L 24/48** (2013.01 - EP US); **H01L 25/072** (2013.01 - KR); **H02M 7/00** (2013.01 - EP KR US); **H05K 1/0263** (2013.01 - CN EP KR US); **H05K 3/3421** (2013.01 - KR); **F02N 11/087** (2013.01 - EP US); **F02N 2011/0874** (2013.01 - EP KR US); **H01L 25/072** (2013.01 - EP US); **H01L 2224/48137** (2013.01 - EP KR US); **H01L 2224/48139** (2013.01 - US); **H01L 2924/00014** (2013.01 - EP US); **H01L 2924/13055** (2013.01 - EP US); **H01L 2924/13091** (2013.01 - US); **H05K 3/3421** (2013.01 - CN EP US); **H05K 2201/0382** (2013.01 - CN EP US); **H05K 2201/09054** (2013.01 - CN EP US); **H05K 2201/09063** (2013.01 - CN EP KR US); **H05K 2201/10166** (2013.01 - CN EP KR US); **H05K 2201/10272** (2013.01 - CN EP KR US); **H05K 2201/10553** (2013.01 - CN EP KR US)

Citation (search report)
See references of WO 2015165568A1

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 102014006346 A1 20151105; CN 106465534 A 20170222; EP 3138370 A1 20170308; KR 101996669 B1 20190704; KR 20160148586 A 20161226; US 10070514 B2 20180904; US 2017048971 A1 20170216; WO 2015165568 A1 20151105

DOCDB simple family (application)
DE 102014006346 A 20140430; CN 201580023745 A 20150404; EP 15718140 A 20150404; EP 2015000728 W 20150404; KR 20167031899 A 20150404; US 201615339037 A 20161031