

Title (en)
Actuating unit

Title (de)
Betätigungseinheit

Title (fr)
Unité d'actionnement

Publication
EP 2800117 B1 20210324 (DE)

Application
EP 14175015 A 20090929

Priority
• DE 102008049580 A 20080930
• DE 102009033486 A 20090715
• EP 09783566 A 20090929
• EP 2009062641 W 20090929

Abstract (en)
[origin: WO2010037757A1] The invention relates to an actuation unit of a moving part (1) of a motor vehicle, in particular a rear hood (1), comprising an actuation part (10) that is fastened to a housing part (20), at least two conductor elements (21) disposed on the housing part (20), an elastically deformable contact element (22) that cooperates with the conductor elements (21), a plunger (11), which is disposed at the actuation part (10), for deforming the contact element (22). According to the invention, the actuation part (10) and the housing part (20) delimit an internal space (2) that is totally closed off from the environment (3), and the actuation part (10) is mounted pivotably about an axis (4) that runs axisymmetrically with respect to the internal space (2).

IPC 8 full level
H01H 23/06 (2006.01); **E05B 81/76** (2014.01); **H01H 1/58** (2006.01); **H01H 3/16** (2006.01); **H01H 11/00** (2006.01); **H01H 23/14** (2006.01)

CPC (source: CN EP US)
E05B 81/76 (2013.01 - CN EP US); **H01H 23/06** (2013.01 - CN EP US); **H01H 1/5805** (2013.01 - CN EP US); **H01H 3/163** (2013.01 - CN EP US); **H01H 23/143** (2013.01 - CN EP US); **H01H 2011/0081** (2013.01 - CN EP US); **H01H 2205/024** (2013.01 - CN EP US)

Citation (examination)
WO 2006106033 A1 20061012 - HUF HUELSBECK & FUERST GMBH [DE], et al

Cited by
WO2020169320A1

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 102009033486 A1 20100401; **DE 102009033486 B4 20181227**; CN 102165550 A 20110824; CN 102165550 B 20160302; CN 104485242 A 20150401; CN 104485242 B 20170704; EP 2332159 A1 20110615; EP 2332159 B1 20200226; EP 2800117 A1 20141105; EP 2800117 B1 20210324; US 2011278144 A1 20111117; US 8809710 B2 20140819; WO 2010037757 A1 20100408

DOCDB simple family (application)
DE 102009033486 A 20090715; CN 200980138321 A 20090929; CN 201410613660 A 20090929; EP 09783566 A 20090929; EP 14175015 A 20090929; EP 2009062641 W 20090929; US 200913121619 A 20090929