

Title (en)
Electromagnetic relay

Title (de)
Elektromagnetisches Relais

Title (fr)
Relais électromagnétique

Publication
EP 2492936 A1 20120829 (EN)

Application
EP 12156492 A 20120222

Priority
JP 2011038519 A 20110224

Abstract (en)
An electromagnetic relay (1) includes: a drive unit (30); a moving body (50) that moves by driving the drive unit (30); and a movable spring (61a) attached to the moving body (50). Moreover, a movable contact point (61d) is fixedly attached to the movable spring (61a), and a fixed contact point (62d) is arranged opposite to the movable contact point (61d). A peeling mechanism (70) that peels off the movable contact point (61d) and the fixed contact point (62d) from each other in an event where the movable contact point (61d) and the fixed contact point (62d) are fused with each other is provided on at least one of the moving body (50) and the movable spring (61a).

IPC 8 full level
H01H 3/30 (2006.01); **H01H 50/64** (2006.01); **H01H 50/12** (2006.01); **H01H 50/24** (2006.01); **H01H 51/06** (2006.01)

CPC (source: EP)
H01H 3/3005 (2013.01); **H01H 50/642** (2013.01); **H01H 50/12** (2013.01); **H01H 50/24** (2013.01); **H01H 51/06** (2013.01)

Citation (applicant)
JP 2011009002 A 20110113 - PANASONIC ELECTRIC WORKS CO LTD

Citation (search report)
• [XA] DE 102008024940 B3 20091001 - TYCO ELECTRONICS AUSTRIA GMBH [AT]
• [A] EP 1223598 A2 20020717 - MATSUSHITA ELECTRIC WORKS EUROPE AG [DE]

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)
EP 2492936 A1 20120829; **EP 2492936 B1 20150401**; JP 2012174648 A 20120910; JP 5724065 B2 20150527

DOCDB simple family (application)
EP 12156492 A 20120222; JP 2011038519 A 20110224