

Title (en)
Contactor for thin plastic card

Title (de)
Kontaktgeber für dünne Plastikkarte

Title (fr)
Contacteur pour carte plastique mince

Publication
EP 2743952 B1 20150916 (FR)

Application
EP 13197104 A 20131213

Priority
FR 1262151 A 20121217

Abstract (en)
[origin: EP2743952A1] The contactor has a set of terminals (2), and a conducting element (3) i.e. elastic capsule, that is capable of moving relative to the terminals so as to occupy an open position in which the set of terminals is insulated, or a closed position (12) in which the element carries out a contact between the terminals. The terminals are arranged interdependent of an elastically deformable membrane (4) so as to allow displacement of the element from the open position towards the closed position under the effect of a digital support (13) and to allow automatic displacement when the support ceases. An independent claim is also included for a method for manufacturing an electric contactor.

IPC 8 full level
H01H 13/88 (2006.01)

CPC (source: EP)
H01H 13/88 (2013.01); **H01H 2203/024** (2013.01); **H01H 2203/038** (2013.01); **H01H 2205/002** (2013.01); **H01H 2205/016** (2013.01); **H01H 2209/078** (2013.01); **H01H 2221/044** (2013.01); **H01H 2221/09** (2013.01); **H01H 2231/05** (2013.01)

Citation (opposition)
Opponent : Giesecke & Devrient GMBH
• EP 1939792 A1 20080702 - GEMPLUS CARD INT [FR]
• DE 102006027466 A1 20071213 - NOVACARD INFORMATIONSSYSTEME G [DE]
• FR 2949639 A1 20110304 - OBERTHUR TECHNOLOGIES [FR]
• EP 2346058 A2 20110720 - GIESECKE & DEVRIENT GMBH [DE]
• DE 19700848 C1 19980416 - SIEMENS AG [DE]

Cited by
US2022284803A1; US11798403B2

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

DOCDB simple family (publication)
EP 2743952 A1 20140618; **EP 2743952 B1 20150916**; **EP 2743952 B2 20180912**; **EP 2743952 B8 20181219**; FR 2999784 A1 20140620; FR 2999784 B1 20150220

DOCDB simple family (application)
EP 13197104 A 20131213; FR 1262151 A 20121217