

Title (en)

ELECTROMAGNETIC ACTUATOR FOR AN ELECTRIC CONTACTOR

Title (de)

ELEKTROMAGNETISCHES STELLGLIED FÜR EINEN ELEKTRISCHEN KONTAKTSCHALTER

Title (fr)

ACTIONNEUR ELECTROMAGNETIQUE POUR UN CONTACTEUR ELECTRIQUE

Publication

EP 3279907 B1 20211208 (FR)

Application

EP 17184609 A 20170803

Priority

FR 1657574 A 20160804

Abstract (en)

[origin: US2018040446A1] A mobile part of an electromagnetic actuator for an electric contactor. The mobile part is made up of a flat piece cut from a rolled sheet. This flat piece includes a first stage intended to face towards a fixed part of the actuator and a second stage, side-by-side with the first stage along an axis of movement of the mobile part. A solid section of the second stage, measured in a plane perpendicular to the axis of movement of the mobile part, is smaller than a solid section of the first stage.

IPC 8 full level

H01F 7/08 (2006.01); **H01F 7/16** (2006.01); **H01H 50/16** (2006.01)

CPC (source: EP US)

H01F 7/081 (2013.01 - EP US); **H01F 7/1638** (2013.01 - EP US); **H01H 50/02** (2013.01 - US); **H01H 50/18** (2013.01 - US); **H01H 50/20** (2013.01 - US); **H01H 50/36** (2013.01 - US); **H01F 2007/086** (2013.01 - EP US); **H01H 50/163** (2013.01 - EP US)

Citation (examination)

FR 2792108 B1 20010504 - SCHNEIDER ELECTRIC SA [FR]

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 3279907 A1 20180207; **EP 3279907 B1 20211208**; ES 2904281 T3 20220404; FR 3054924 A1 20180209; FR 3054924 B1 20201204; JP 2018073806 A 20180510; JP 7053187 B2 20220412; US 10381181 B2 20190813; US 2018040446 A1 20180208

DOCDB simple family (application)

EP 17184609 A 20170803; ES 17184609 T 20170803; FR 1657574 A 20160804; JP 2017150579 A 20170803; US 201715664111 A 20170731