

Title (en)

SHORT CIRCUIT DETECTION APPARATUS FOR CIRCUIT BREAKER

Title (de)

KURZSCHLUSSDETEKTIONSVORRICHTUNG FÜR EINEN UNTERBRECHERSCHALTER

Title (fr)

APPAREIL DE DÉTECTION DE COURT-CIRCUIT POUR DISJONCTEUR

Publication

EP 2261946 B1 20150902 (EN)

Application

EP 08739880 A 20080404

Priority

JP 2008056774 W 20080404

Abstract (en)

[origin: EP2261946A1] To reduce the number of parts and reduce the price by forming an armature support portion (4a) integrally with a stator (4), and secure a sufficient magnetic attractive force by making the support portion (4a) a cantilever structure so that no magnetic path forms across a fulcrum portion. By providing a support portion on a stator (4), the fluctuation in the size of a gap between an armature (6) and the stator (4) is reduced, and the magnetic property is stabilized,

IPC 8 full level

H01H 71/24 (2006.01); **H01H 71/40** (2006.01); **H01H 73/22** (2006.01)

CPC (source: EP)

H01H 71/2472 (2013.01); **H01H 71/405** (2013.01)

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2261946 A1 20101215; **EP 2261946 A4 20140528**; **EP 2261946 B1 20150902**; CN 101981647 A 20110223; CN 101981647 B 20131030; JP 5020374 B2 20120905; JP WO2009122584 A1 20110728; WO 2009122584 A1 20091008

DOCDB simple family (application)

EP 08739880 A 20080404; CN 200880128337 A 20080404; JP 2008056774 W 20080404; JP 2010505241 A 20080404