

Title (en)

A CONTACT ACTUATING DEVICE FOR A CIRCUIT BREAKER COMPRISING A TORSION BAR

Title (de)

KONTAKTBETÄTIGUNGSVORRICHTUNG FÜR EINEN SCHUTZSCHALTER MIT EINEM TORSIONSSTAB

Title (fr)

DISPOSITIF D'ACTIONNEMENT DES CONTACTS D'UN DISJONCTEUR COMPORTANT UNE BARRE DE TORSION

Publication

EP 2842144 B1 20160608 (FR)

Application

EP 13723429 A 20130425

Priority

- FR 1253872 A 20120426
- EP 2013058645 W 20130425

Abstract (en)

[origin: WO2013160409A1] It comprises a fixed contact and a mobile contact, a rigid drive shaft (8) that drives the mobile contact, a first elastic means for driving the mobile contact, and a torsion rod (2) for driving the drive shaft, the torsion rod (2) being able to be twisted in order to assist the elastic means during a first part of the opening of the contacts of the circuit breaker. The torsion rod (2) is housed inside the drive shaft (8). A first end (4) of the torsion rod (2) is rotatably connected to a ring (10), and a second end (6) of the torsion rod (2) is rotatably connected to the drive shaft (8).

IPC 8 full level

H01H 3/30 (2006.01)

CPC (source: EP US)

H01H 3/3042 (2013.01 - EP US); **H01H 33/30** (2013.01 - US); **H01H 33/40** (2013.01 - US); **H01H 33/42** (2013.01 - US);
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DOCDB simple family (publication)

WO 2013160409 A1 20131031; CA 2866397 A1 20131031; CN 104246945 A 20141224; CN 104246945 B 20161109; EP 2842144 A1 20150304; EP 2842144 B1 20160608; ES 2590858 T3 20161123; FR 2990053 A1 20131101; FR 2990053 B1 20150130; HU E028855 T2 20170130; IN 1772MUN2014 A 20150703; JP 2015515106 A 20150521; JP 6382183 B2 20180829; KR 102052673 B1 20191206; KR 20150006820 A 20150119; PL 2842144 T3 20161230; US 2015108092 A1 20150423; US 9466447 B2 20161011

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