

Title (en)

Activation of an alternator load-break switch by a group of one main shaft and several secondary shafts

Title (de)

Betätigung durch eine Kombination aus Hauptwelle und Nebenwellen eines Schutzschalters eines Wechselschalters

Title (fr)

Actionnement par un ensemble d'arbre principal et d'arbres secondaires d'un disjoncteur sectionneur d'alternateur

Publication

**EP 2037470 B1 20130123 (FR)**

Application

**EP 08164321 A 20080915**

Priority

FR 0757629 A 20070917

Abstract (en)

[origin: EP2037470A1] The switch (D) has switch-disconnectors including respective movable contacts (5, 5a, 12, 12a) and actuating units actuating the respective contacts and including main and accessory shafts (1, 8) and main and accessory levers (2, 9). The lever (9) has an end connected to the contact (12) by a rod (10) that actuates a demultiplication device i.e. pantograph (11). A synchronizing unit is arranged between the disconnectors such that the shaft (8) is only rotated on a final rotation angle of the shaft (1) during opening of the switch to separate the contacts (12, 12a).

IPC 8 full level

**H01H 3/42** (2006.01); **H01H 3/52** (2006.01)

CPC (source: EP US)

**H01H 3/42** (2013.01 - EP US); **H01H 3/52** (2013.01 - EP US); **H01H 33/6661** (2013.01 - EP US); **H01H 2033/6667** (2013.01 - EP US)

Cited by

CN109935480A; CN114121545A

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 2037470 A1 20090318**; **EP 2037470 B1 20130123**; CN 101393813 A 20090325; CN 101393813 B 20130327; FR 2921198 A1 20090320; FR 2921198 B1 20100312; US 2009071809 A1 20090319; US 7915548 B2 20110329

DOCDB simple family (application)

**EP 08164321 A 20080915**; CN 200810149206 A 20080917; FR 0757629 A 20070917; US 21247208 A 20080917