

Title (en)

Direct-current load-break switch particularly for traction lines

Title (de)

Gleichstrom-Leistungstrenner, im Besonderen für Fahrdrähte

Title (fr)

Interrupteur pour courant continu particulièrement pour les lignes de traction

Publication

**EP 1833068 A2 20070912 (EN)**

Application

**EP 07003657 A 20070222**

Priority

IT MI20060421 A 20060309

Abstract (en)

A direct-current load-break switch (1) particularly for traction lines, suitable for installations in a metallic cell, with two interruption segments in series, comprising: two fixed contacts (5); a double moving contact (8), which is adapted to engage and disengage with respect to the fixed contacts (5); means for actuating the moving contact (8) which are adapted to move the moving contact (8) so that it engages and disengages the fixed contacts (5); each fixed contact (5) and the corresponding moving contact (8) are provided with an arc quenching horn (6, 10), and a coil provided with a magnetic core (12, 13) is connected electrically between the arc quenching horn (6, 10) (which is insulated) and the fixed contact; one or more arc quenching chambers are further arranged above the interruption segment formed by the arc quenching horns (6, 10).

IPC 8 full level

**H01H 33/59** (2006.01)

CPC (source: EP)

**H01H 9/446** (2013.01); **H01H 9/46** (2013.01); **H01H 33/596** (2013.01)

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 07003657 A 20070222**; IT MI20060421 A 20060309