

Title (en)

ROTATING ARC MAGNETIC BLAST COIL FOR THE CONTACT ELEMENT OF AN ELECTRICAL SWITCH

Publication

**EP 0308847 B1 19930707 (FR)**

Application

**EP 88115314 A 19880919**

Priority

FR 8713131 A 19870923

Abstract (en)

[origin: EP0308847A1] Coil comprising in particular a cylindrically shaped conductive cup (1) connected to a current intake (33), a winding (23) arranged inside the said cup and one end (14) of which is connected to the cup, in order to produce a magnetic field along the axis of the cup, a conductive core (7) connected to the other end of the winding (12) and situated at the centre of the winding, as well as a fixed switching contact arranged in front of the coil, in relation to the said cup, inside the magnetic field which it produces, and electrically connected to the said core. <??>The winding is built up with the aid of a flat conductor (8) wound on the core, over several turns, at the same time as an insulating sheet, and means (16, 9) are provided for compressing the winding. <IMAGE>

IPC 1-7

**H01H 33/18**

IPC 8 full level

**H01H 33/18** (2006.01)

CPC (source: EP US)

**H01H 33/18** (2013.01 - EP US); **H01H 33/185** (2013.01 - EP US)

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**EP 0308847 A1 19890329; EP 0308847 B1 19930707**; AT E91358 T1 19930715; CA 1308433 C 19921006; DE 3882186 D1 19930812; DE 3882186 T2 19931014; ES 2042671 T3 19931216; FR 2620854 A1 19890324; NO 174945 B 19940425; NO 174945 C 19940803; NO 884186 D0 19880921; NO 884186 L 19890328; US 4918268 A 19900417

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**EP 88115314 A 19880919**; AT 88115314 T 19880919; CA 578181 A 19880922; DE 3882186 T 19880919; ES 88115314 T 19880919; FR 8713131 A 19870923; NO 884186 A 19880921; US 24754988 A 19880922