

Title (en)
SWITCHING DEVICE

Title (de)
SCHALTVORRICHTUNG

Title (fr)
DISPOSITIF DE COMMUTATION

Publication
EP 3185270 B1 20240214 (EN)

Application
EP 15833654 A 20150407

Priority
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• JP 2015060812 W 20150407

Abstract (en)
[origin: EP3185270A1] A switching device that can secure reliability of interruption is obtained. A switching device (100) includes: a magnet (4) that generates a magnetic field for extending an arc generated between a fixed contact (1) and a movable contact (2) when a fixed contact point (1a) and a movable contact point (2a) are opened; a magnetic body (3), one end of which is arranged in the vicinity of an arc generation region (20) between the fixed contact (1) and the movable contact (2), and the other end of which is arranged in a manner to contact one magnetic pole surface of the magnet (4); and an insulation cover (3c) that protects the magnet (4) and the magnetic body (3) and that partitions arc extension spaces (21) where energizing directions of the arc differ. The magnet (4) is arranged in a region other than the arc generation region (20).

IPC 8 full level
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CPC (source: EP KR)
H01H 9/44 (2013.01 - EP KR); **H01H 9/443** (2013.01 - EP); **H01H 73/18** (2013.01 - EP KR)

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