

Title (en)
Magnetic trip device

Title (de)
Magnetauslöser

Title (fr)
Déclencheur magnétique

Publication
EP 1111643 B1 20080618 (FR)

Application
EP 00403539 A 20001215

Priority
FR 9916310 A 19991220

Abstract (en)
[origin: EP1111643A1] The device has dual plates and cores defining the magnetic circuit and forming air gaps. The magnetic circuit breaker includes a magnetic circuit comprising two parallel plates (10a,10b) which are identical. Each has a main limb (18a, 18b) with a foot (17a,17b) turned at right angles to the main limb. A winding is formed on each branch. At their ends which are opposite to the mobile plate of the device, the two parallel plates are cut into an L-shape. The magnetic circuit offers two air gaps (20a, 20b) formed between the two parallel plates. The insulating structure which supports the windings is formed from two half-shells (21a, 21b) which surround the plates.

IPC 8 full level
H01H 71/32 (2006.01)

CPC (source: EP US)
H01H 71/321 (2013.01 - EP US)

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