

Title (en)
AIR CIRCUIT BREAKER

Title (de)
LUFTUNTERBRECHERSCHALTER

Title (fr)
DISJONCTEUR A AIR

Publication
EP 1414057 A4 20050316 (EN)

Application
EP 01955554 A 20010802

Priority
JP 0106644 W 20010802

Abstract (en)
[origin: EP1414057A1] An U-shaped flexible conductor (7) is deformed to U-shape by bending a movable contact (6) along the switching direction such that the movable contact activates a lever shaft (6c). The electromagnetic force along the spreading direction is converted into pressing force by the shaft. The parallel magnetic plates (13) are arranged in the gap between U-shaped poles of conductor.

IPC 1-7
H01H 73/02; **H01H 73/20**; **H01H 1/50**; **H01H 1/54**

IPC 8 full level
H01H 1/50 (2006.01); **H01H 1/54** (2006.01); **H01H 73/02** (2006.01); **H01H 73/20** (2006.01); **H01H 1/22** (2006.01); **H01H 1/58** (2006.01)

CPC (source: EP KR)
H01H 1/54 (2013.01 - EP); **H01H 33/02** (2013.01 - KR); **H01H 1/226** (2013.01 - EP); **H01H 1/5822** (2013.01 - EP)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 03015114A1

Designated contracting state (EPC)
DE ES FR

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