

Title (en)  
AIR CIRCUIT BREAKER

Title (de)  
LUFTUNTERBRECHERSCHALTER

Title (fr)  
DISJONCTEUR A AIR

Publication  
**EP 1414057 A1 20040428 (EN)**

Application  
**EP 01955554 A 20010802**

Priority  
JP 0106644 W 20010802

Abstract (en)  
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)

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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