

Title (en)

Silver-iron material for electrical switch contacts

Title (de)

Silber-Eisen-Werkstoff für elektrische Schaltkontakte (III)

Title (fr)

Matière agent-fer pour contacts interrupteurs électriques

Publication

**EP 0774523 B1 20000412 (DE)**

Application

**EP 96117208 A 19961026**

Priority

DE 19543223 A 19951120

Abstract (en)

[origin: DE19543223C1] Ag-Fe material comprises (in wt.%): 0.5-20 Fe, 0.05-5 Re,Ir and/or Ru, and 0.05-2 oxide of Mg, Ca, Y, La, Ti, Zr, Hf, Ce, Nb, Ta, Cr, Mn, Fe, Cu Zn, Al, In, Si, and Sn, with a balance of Ag. The material contains 0.3-1.5 wt.% Re, Ir and/or Ru, 0.2-1.2 wt.% oxide components, and 0.5-10 wt.% Fe.

IPC 1-7

**C22C 5/06**; **H01H 1/02**

IPC 8 full level

**C22C 5/06** (2006.01); **H01H 1/02** (2006.01); **H01H 1/023** (2006.01)

CPC (source: EP US)

**C22C 5/06** (2013.01 - EP US); **H01H 1/023** (2013.01 - EP US)

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

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**DE 19543223 A 19951120**; DE 59604949 T 19961026; EP 96117208 A 19961026; ES 96117208 T 19961026; JP 30521096 A 19961115; US 75193496 A 19961119