

Title (en)

DISCONNECTIBLE TERMINAL CONTACT FOR HIGH CURRENT CONDUCTORS IN ELECTROLYTIC APPARATUS

Publication

EP 0052384 B1 19870401 (DE)

Application

EP 81201063 A 19810925

Priority

DE 3043207 A 19801115

Abstract (en)

[origin: EP0052384A1] 1. A disconnectible terminal contact for high current conductors with plane contact surfaces joined together, at least one of which has sharpened unevennesses, characterized in that by terminal contacts in busbars of electrolytic plants the contact surface having the sharp-edged unevennesses carries concentric grooves with sharp-edged intermediate fins of a height of 0,1 to 0,8 mm and in that this contact surface carries a silver layer of $1,0 \times 10^{-3}$ mm in thickness in such a way that under a specific load of 5,5 A/mm² of the contact the voltage drop amounts to 5 mV.

IPC 1-7

H01R 4/26

IPC 8 full level

H01R 4/30 (2006.01); **C23C 30/00** (2006.01); **C25B 9/04** (2006.01); **C25D 7/00** (2006.01); **H01R 4/26** (2006.01)

CPC (source: EP)

H01R 4/26 (2013.01)

Cited by

EP2645450A1; DE19600417A1; EP0922791A1; FR2771757A1; CN114516539A

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DOCDB simple family (publication)

EP 0052384 A1 19820526; **EP 0052384 B1 19870401**; CA 1172323 A 19840807; DE 3043207 A1 19820708; DE 3176077 D1 19870507; JP H0146996 B2 19891012; JP S57109265 A 19820707

DOCDB simple family (application)

EP 81201063 A 19810925; CA 388860 A 19811027; DE 3043207 A 19801115; DE 3176077 T 19810925; JP 18093381 A 19811111