

Title (en)
High-voltage circuit breaker

Title (de)
Hochspannungs-Lastschalter

Title (fr)
Disjoncteur à haute tension

Publication
EP 0735555 A3 19970903 (EN)

Application
EP 96200752 A 19960319

Priority
SE 9501138 A 19950330

Abstract (en)
[origin: EP0735555A2] The invention relates to a high-voltage circuit breaker, the main current path of which is made of tubing (17, 18, 22) of a plastically machinable metallic material, preferably copper or a copper alloy. The connection flanges (11, 12) of the circuit breaker are fixed to the respective current-carrying metal tubes by rolling out one end portion of the tubes into a groove (25, 26) in the respective flange (11, 12). The current transfer between the tube and the flange is ensured with the aid of a resilient contact member (27, 28) arranged in the groove. <IMAGE>

IPC 1-7
H01H 1/58

IPC 8 full level
H01H 33/02 (2006.01)

CPC (source: EP)
H01H 33/025 (2013.01)

Citation (search report)
• [A] US 4241248 A 19801223 - BERNATT JOSEPH [US]
• [A] DE 2844323 A1 19790613 - SPRECHER & SCHUH AG
• [A] DE 2741368 A1 19790322 - SIEMENS AG
• [A] US 3087038 A 19630423 - BETHKE RAYMOND W

Cited by
EP1686602A1; US7619177B2; WO2006081697A1; EP1686602B2

Designated contracting state (EPC)
BE CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0735555 A2 19961002; EP 0735555 A3 19970903; EP 0735555 B1 20000726; DE 69609439 D1 20000831; DE 69609439 T2 20010308; SE 505581 C2 19970915; SE 9501138 D0 19950330; SE 9501138 L 19961001

DOCDB simple family (application)
EP 96200752 A 19960319; DE 69609439 T 19960319; SE 9501138 A 19950330