

Title (en)  
CONTACT ARRANGEMENT

Title (de)  
KONTAKTANORDNUNG

Title (fr)  
AGENCEMENT DE CONTACT

Publication  
**EP 3796353 A1 20210324 (EN)**

Application  
**EP 19198641 A 20190920**

Priority  
EP 19198641 A 20190920

Abstract (en)  
[origin: WO2021052950A1] Embodiments herein describe a tube contact (300) configured for receiving the pin contact (401), the tube contact (300) comprising a top portion (301) configured for establishing an arc with the pin contact (401) and a bottom portion (302) extending from the top portion (301) in a substantially longitudinal direction of the tube contact (300) characterized in, that the bottom portion (302) is a high strength portion made of a material having a Young's modulus of 190 GPa to 220 GPa. Embodiments herein further describe a contact arrangement (400) and a circuit breaker (100) comprising the disclosed tube contact (300) contact arrangement (400).

IPC 8 full level  
**H01H 1/38** (2006.01); **H01H 1/02** (2006.01); **H01H 33/12** (2006.01)

CPC (source: CN EP)  
**H01H 1/02** (2013.01 - CN EP); **H01H 1/385** (2013.01 - CN EP); **H01H 73/04** (2013.01 - CN); **H01H 33/12** (2013.01 - EP)

Citation (applicant)  
EP 2797095 A1 20141029 - ABB TECHNOLOGY AG [CH]

Citation (search report)

- [XI] DE 19837945 A1 20000224 - ASEA BROWN BOVERI [CH]
- [XAI] US 2014360984 A1 20141211 - MORIYAMA TOMOHIRO [JP], et al
- [AD] EP 2797095 A1 20141029 - ABB TECHNOLOGY AG [CH]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3796353 A1 20210324**; BR 112022002622 A2 20220809; CN 114424312 A 20220429; CN 114424312 B 20240412;  
WO 2021052950 A1 20210325

DOCDB simple family (application)  
**EP 19198641 A 20190920**; BR 112022002622 A 20200915; CN 202080065782 A 20200915; EP 2020075750 W 20200915