

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)
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BA ME

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WO 2021052950 A1 20210325

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