

Title (en)
CUTTING DEVICE WITH ARC CUTTING

Title (de)
TRENNVORRICHTUNG MIT LICHTBOGENUNTERBRECHUNG

Title (fr)
DISPOSITIF DE SÉPARATION AVEC UNE COUPURE D'ARC

Publication
EP 3545541 A1 20191002 (DE)

Application
EP 17765384 A 20170904

Priority
• DE 102016122424 A 20161122
• EP 2017072082 W 20170904

Abstract (en)
[origin: WO2018095602A1] Disconnecting device for a power line comprising at least one first connection part, at least one second connection part and at least one disconnecting location arranged between the first and second connection parts, wherein the disconnecting location in a closed state forms a current path between the first connection part and the second connection part and in an opened state disconnects a current path between the first connection part and the second connection part, wherein the disconnecting device comprises a flowable medium which is arranged in a guiding housing and, driven by a drive, disconnects the disconnecting location, wherein the flowable medium at least partially surrounds the disconnecting location at the moment of disconnection and wherein the disconnecting device comprises a pin which, immediately after the disconnection of the disconnecting location by the flowable medium, has been moved into the disconnecting location.

IPC 8 full level
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H01H 33/75 (2013.01 - EP); **H01H 2039/008** (2013.01 - EP US)

Citation (search report)
See references of WO 2018095602A1

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BA ME

DOCDB simple family (publication)
DE 102016122424 A1 20180524; **DE 102016122424 B4 20230607**; CN 110114851 A 20190809; CN 110114851 B 20210409;
EP 3545541 A1 20191002; EP 3545541 B1 20200520; ES 2796385 T3 20201126; MX 2019005873 A 20191218; US 10714276 B2 20200714;
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