

Title (en)
CLOSING CONTACT SYSTEM

Title (de)
SCHLIESSKONTAKTSYSTEM

Title (fr)
SYSTÈME DE CONTACT À FERMETURE

Publication
EP 3811391 C0 20230830 (DE)

Application
EP 19752937 A 20190724

Priority
• DE 102018212953 A 20180802
• EP 2019069872 W 20190724

Abstract (en)
[origin: WO2020025410A1] The invention relates to a make contact system for high-voltage applications, characterized in that a vacuum switching tube (28) having two switch contacts in the form of plate contacts (2, 4) is provided, of which at least one is a moving contact (30) coupled to a drive (5), and whereby at least one plate contact (2, 4) is rotationally symmetrically surrounded by a shielding element (32), and the shielding element (32) has an electric conductivity which is less than $40 \cdot 10^{-6}$ S/m.

IPC 8 full level
H01H 33/662 (2006.01); **H01H 33/664** (2006.01); **H01H 33/666** (2006.01)

CPC (source: EP KR US)
H01H 33/66261 (2013.01 - EP KR US); **H01H 33/664** (2013.01 - EP KR US); **H01H 33/666** (2013.01 - EP KR US);
H01H 2033/66269 (2013.01 - EP KR US); **H01H 2033/66276** (2013.01 - EP KR US); **H01H 2033/66292** (2013.01 - EP KR US)

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

Participating member state (EPC – UP)
AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)
WO 2020025410 A1 20200206; CN 112534534 A 20210319; CN 112534534 B 20240405; DE 102018212953 A1 20200206;
EP 3811391 A1 20210428; EP 3811391 B1 20230830; EP 3811391 C0 20230830; JP 2021533539 A 20211202; KR 20210030467 A 20210317;
US 11462375 B2 20221004; US 2021304988 A1 20210930

DOCDB simple family (application)
EP 2019069872 W 20190724; CN 201980051356 A 20190724; DE 102018212953 A 20180802; EP 19752937 A 20190724;
JP 2021505693 A 20190724; KR 20217005570 A 20190724; US 201917265259 A 20190724