

Title (en)
SYSTEMS OF SWITCHING CONTACTS WITH SELF-COMPENSATION OF HOLM'S REPULSION AND SWITCHING DEVICES COMPRISING SAME

Title (de)
SYSTEME ZUM SCHALTEN VON KONTAKTEN MIT SELBSTKOMPENSATION DER HOLM-ABSTOSSUNG UND SCHALTVORRICHTUNGEN DAMIT

Title (fr)
SYSTÈMES DE CONTACTS DE COMMUTATION À AUTO-COMPENSATION DE RÉPULSION D'HOLM ET DISPOSITIFS DE COMMUTATION LES COMPRENANT

Publication
EP 4177918 A1 20230510 (EN)

Application
EP 22398022 A 20221103

Priority
EP 21398020 A 20211103

Abstract (en)
A contact system for a switching device, comprising: a first contact adapted to receive an input current from an input terminal; and a second contact adapted to receive the input current from the first contact; wherein the first contact comprises an input conductive section configured to provide an incoming current path for transporting the input current, wherein the second contact comprises a plurality of second conductive sections configured to provide an outgoing current path for transporting the current received from the first contact towards an output terminal, and wherein one of the plurality of second conductive sections is arranged adjacent to the input conductive section to provide an output conductive section in which current received from the first contact is transported in the same direction as the current direction along the incoming current path in the input conductive section. It is also provided a switching device comprising the contact system.

IPC 8 full level
H01H 1/54 (2006.01)

CPC (source: EP)
H01H 1/54 (2013.01)

Citation (search report)

- [XYI] EP 3742464 A1 20201125 - ABB SCHWEIZ AG [CH]
- [XY] US 4467301 A 19840821 - GOODRICH RONALD W [US]
- [X] EP 1818959 A1 20070815 - LEGRAND FRANCE [FR], et al

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

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