

Title (en)  
ELECTRICAL CONTACTOR

Title (de)  
ELEKTRISCHES SCHÜTZ

Title (fr)  
CONTACTEUR ÉLECTRIQUE

Publication  
**EP 3979279 A1 20220406 (EN)**

Application  
**EP 20199273 A 20200930**

Priority  
EP 20199273 A 20200930

Abstract (en)  
The present invention relates to an electrical contactor for high current applications, an electrical contactor system comprising at least two electrical contactors, and the use such an electrical contactor. The electrical contactor (200) for high current applications, comprising a first fixed bar (202), a moving bar (206), and first electrical contact tips (210) arranged between the first fixed bar (202) and the moving bar (206) electrically connecting the first fixed bar (202) with the moving bar (206). The first fixed bar (202) and the moving bar (206) comprise overlapping sections (230) arranged in parallel to each other, and the first fixed bar (202) and the moving bar (206) are configured to guide current in the same direction in the overlapping sections (230).

IPC 8 full level  
**H01H 1/54** (2006.01); **H01H 50/54** (2006.01); **H01H 1/20** (2006.01)

CPC (source: EP)  
**H01H 1/54** (2013.01); **H01H 50/546** (2013.01); **H01H 1/20** (2013.01)

Citation (search report)

- [XAI] US 4467301 A 19840821 - GOODRICH RONALD W [US]
- [XAI] US 2015318134 A1 20151105 - CONNELL RICHARD ANTHONY [GB]
- [XA] US 4849590 A 19890718 - BECKER JAMES A [US], et al
- [XAI] US 2013049905 A1 20130228 - LE YOUDEC GERALD [FR]

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)  
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