

Title (en)  
CONTACTOR DEVICE

Title (de)  
SCHÜTZVORRICHTUNG

Title (fr)  
DISPOSITIF DE CONTACT

Publication  
**EP 3511969 A1 20190717 (EN)**

Application  
**EP 18151977 A 20180116**

Priority  
EP 18151977 A 20180116

Abstract (en)  
A contactor device (1) for industrial or railway applications comprises a pair of contact elements (8, 10) connected to a pair of terminals (13, 14) of the contactor device (1) having at least one fixed contact (9), a movable contact element (11) having at least one movable contact (12), and a casing (2) for supporting and protecting said fixed and movable contact elements (8, 10, 11). It further comprises a moving mechanism (15) for moving the movable contact element (11) to move the at least one movable contact (12) into contact to the at least one fixed contact (9) to electrically connect the first and second fixed contact elements (8, 10) to one another or apart from the at least one fixed contact (9) to electrically separate the first and second fixed contact elements (8, 10) from one another, and a driving means (16) for activating the moving mechanism (15). The contactor device (1) also comprises an indicator means (27) for indicating a connecting status of the first and second fixed contact elements (8, 10), wherein the moving mechanism (15) is arranged and configured such that it is acting on the indicator means (27) when it is activated by the driving means (16) to move the movable contact element (11) to move the at least one movable contact (12) into contact to the at least one fixed contact (9).

IPC 8 full level  
**H01H 50/54** (2006.01); **H01H 9/16** (2006.01)

CPC (source: EP RU)  
**H01H 9/167** (2013.01 - EP); **H01H 50/54** (2013.01 - RU); **H01H 50/546** (2013.01 - EP)

Citation (search report)  
• [XY] WO 9840898 A2 19980917 - BLP COMPONENTS LTD [GB], et al  
• [Y] CN 206379313 U 20170804 - MICROELETTRICA SCIENTIFICA SPA & EP 3293748 A1 20180314 - MICROELETTRICA SCIENTIFICA SPA [IT]  
• [A] EP 3048626 A1 20160727 - SCHALTBAU GMBH [DE]

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)  
**EP 3511969 A1 20190717**; **EP 3511969 B1 20200805**; CN 111801762 A 20201020; CN 111801762 B 20220823; ES 2829373 T3 20210531; RU 2742946 C1 20210212; WO 2019141611 A1 20190725

DOCDB simple family (application)  
**EP 18151977 A 20180116**; CN 201980008631 A 20190114; EP 2019050748 W 20190114; ES 18151977 T 20180116; RU 2020127198 A 20190114