

Title (en)

CONTACTOR DEVICE, ENERGY STORAGE SYSTEM AND METHOD FOR CONTROLLING A CONTACTOR DEVICE

Title (de)

SCHÜTZVORRICHTUNG, ENERGIESPEICHERSYSTEM UND VERFAHREN ZUR STEUERUNG EINER SCHÜTZVORRICHTUNG

Title (fr)

DISPOSITIF DE CONTACTEUR, SYSTÈME DE STOCKAGE D'ÉNERGIE ET PROCÉDÉ DE COMMANDE D'UN DISPOSITIF DE CONTACTEUR

Publication

**EP 3933867 B1 20230607 (EN)**

Application

**EP 20184035 A 20200703**

Priority

EP 20184035 A 20200703

Abstract (en)

[origin: EP3933867A1] The present invention relates to a contactor device, an energy storage system comprising the contactor device and a corresponding method for controlling the contactor device. A contactor device (100) comprises a stationary part (102) having at least one fixed contact (106), and a moveable part (104) having at least one moveable contact (108). The contactor device (100) further comprises a first actuator (110), which is configured to move the at least one moveable contact (108) between an open position and a closed position, wherein in the open position, the at least one moveable contact (108) is electrically separated from the at least one fixed contact (106), and in the closed position, the at least one moveable contact (108) electrically contacts the at least one fixed contact (106), and a second actuator (120), which is adapted to hold the at least one moveable contact (108) in the closed position.

IPC 8 full level

**H01H 1/54** (2006.01); **H01H 9/30** (2006.01); **H01H 39/00** (2006.01); **H01H 50/42** (2006.01); **H01H 50/62** (2006.01); **H01H 89/00** (2006.01)

CPC (source: EP)

**H01H 1/54** (2013.01); **H01H 3/0253** (2013.01); **H01H 9/30** (2013.01); **H01H 39/00** (2013.01); **H01H 50/42** (2013.01); **H01H 50/62** (2013.01); **H01H 89/00** (2013.01); **H01H 9/32** (2013.01); **H01H 9/36** (2013.01); **H01H 9/44** (2013.01); **H01H 50/643** (2013.01); **H01H 89/10** (2013.01); **H01H 2039/008** (2013.01)

Citation (examination)

- US 4647737 A 19870303 - ROSSI GUGLIELMO [DE]
- FR 919488 A 19470310
- JP S47898 Y1 19720113

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

DOCDB simple family (publication)

**EP 3933867 A1 20220105**; **EP 3933867 B1 20230607**; WO 2022003117 A1 20220106

DOCDB simple family (application)

**EP 20184035 A 20200703**; EP 2021068212 W 20210701