

Title (en)  
SWITCHING DEVICE

Title (de)  
SCHALTVORRICHTUNG

Title (fr)  
DISPOSITIF DE COMMUTATION

Publication  
**EP 4315378 A1 20240207 (DE)**

Application  
**EP 22707650 A 20220207**

Priority  
• DE 102021107381 A 20210324  
• EP 2022052881 W 20220207

Abstract (en)  
[origin: WO2022199921A1] The invention specifies a switching device (100) having at least two contacts (1) in a switching chamber (11), wherein the at least two contacts include a fixed contact (2) and a movable contact (4), wherein each of the contacts has on a contact side (20, 40) a contact area (21, 41) with at least one contact region (22, 42) and wherein at least one of the contacts has at least one recess (50).

IPC 8 full level  
**H01H 1/06** (2006.01); **H01H 1/14** (2006.01); **H01H 50/54** (2006.01)

CPC (source: EP US)  
**H01H 1/06** (2013.01 - EP); **H01H 1/14** (2013.01 - EP); **H01H 50/54** (2013.01 - US); **H01H 50/546** (2013.01 - EP)

Citation (search report)  
See references of WO 2022199921A1

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**DE 102021107381 A1 20220929**; CN 117043905 A 20231110; EP 4315378 A1 20240207; JP 2024512025 A 20240318; US 2024177957 A1 20240530; WO 2022199921 A1 20220929

DOCDB simple family (application)  
**DE 102021107381 A 20210324**; CN 202280023997 A 20220207; EP 2022052881 W 20220207; EP 22707650 A 20220207; JP 2023558380 A 20220207; US 202218551474 A 20220207