

Title (en)
STARTER SWITCH COMPRISING A SEALING DEVICE AND STARTER COMPRISING SUCH A SWITCH

Title (de)
KONTAKTSCHALTER FÜR ANLASSER MIT ABDICHTUNH , ANLASSER MIT EINEM SOLCHEN KONTAKTSCHALTER

Title (fr)
CONTACTEUR DE DEMARREUR COMPRENANT UN DISPOSITIF D'ETANCHEITE, ET DEMARREUR COMPRENANT UN TEL CONTACTEUR

Publication
EP 3622550 B1 20240110 (FR)

Application
EP 18720304 A 20180504

Priority
• FR 1754159 A 20170512
• EP 2018061619 W 20180504

Abstract (en)
[origin: WO2018206469A1] A starter switch (2) comprises a housing (3) extending along an axis (X) that delimits at least one interior space (4), at least one coil (5) housed in said interior space (4), at least one fixed core (10) passed through by a shaft (6) that is movable in translation along the direction of the axis (X) and at least one cavity (12) comprising an electrical connection area, said cavity being separated from the interior space (4) by the fixed core (10). The starter (1) switch (2) comprises at least one sealing device (22) providing a seal between the interior space (4) of the starter (1) switch (2) and the cavity (12) comprising the connection area.

IPC 8 full level
H01H 51/06 (2006.01); **H01H 50/02** (2006.01)

CPC (source: CN EP US)
F02N 11/087 (2013.01 - CN); **H01H 50/023** (2013.01 - CN EP US); **H01H 50/16** (2013.01 - CN); **H01H 51/06** (2013.01 - CN); **H01H 51/065** (2013.01 - EP US); **F02N 11/087** (2013.01 - US); **F02N 2011/0874** (2013.01 - CN US); **H01H 50/14** (2013.01 - US); **H01H 50/20** (2013.01 - US)

Citation (examination)
• CN 106328443 A 20170111 - PRESTOLITE ELECTRIC (BEIJING) LTD
• DE 102013210194 A1 20141204 - TYCO ELECTRONICS AMP GMBH [DE]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI 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)
WO 2018206469 A1 20181115; CN 110770872 A 20200207; CN 117542697 A 20240209; EP 3622550 A1 20200318; EP 3622550 B1 20240110; FR 3066312 A1 20181116; FR 3066312 B1 20190628; JP 2020519803 A 20200702; MX 2019013294 A 20200727; PL 3622550 T3 20240610; US 11295916 B2 20220405; US 2021134549 A1 20210506

DOCDB simple family (application)
EP 2018061619 W 20180504; CN 201880039153 A 20180504; CN 202311330848 A 20180504; EP 18720304 A 20180504; FR 1754159 A 20170512; JP 2019561208 A 20180504; MX 2019013294 A 20180504; PL 18720304 T 20180504; US 201816612180 A 20180504