

Title (en)
SWITCH SYSTEM WITH BYPASS CONTACT

Title (de)
SCHALTSYSTEM MIT BYPASS-KONTAKT

Title (fr)
SYSTÈME DE COMMUTATION AVEC CONTACT DE DÉRIVATION

Publication
EP 4258305 A1 20231011 (EN)

Application
EP 23305448 A 20230330

Priority
CN 202220813140 U 20220408

Abstract (en)
A switch system with bypass contact, which includes a stationary contact and a movable contact; the stationary contact is connected to a power supply; the movable contact is connected to a load; the movable contact is movable between an open position and a closed position; upon being in the open position, the movable contact is not in contact with the stationary contact; upon being in the closed position, the movable contact is in contact with the stationary contact; a bypass contact is arranged on the stationary contact; a parallel circuit is formed upon the movable contact being in contact with the stationary contact and the bypass contact being in contact with the movable contact; the power supply supplies power to the load through the parallel circuit; the parallel circuit includes a circuit that the power supply is electrically connected with the load through the stationary contact and the movable contact in turn; and the parallel circuit further includes a circuit that the power supply is electrically connected with the load through the stationary contact, the bypass contact, the movable contact in turn.

IPC 8 full level
H01H 1/42 (2006.01); **H01H 1/50** (2006.01)

CPC (source: EP)
H01H 1/42 (2013.01); **H01H 1/50** (2013.01); **H01H 2001/425** (2013.01); **H01H 2300/018** (2013.01)

Citation (search report)

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- [A] GB 535810 A 19410423 - GEORGE H SCHOLES & CO LTD, et al
- [A] DE 315666 C 19191110
- [A] CN 104681329 A 20150603 - ZHI CHAOQIAN
- [A] WO 2019053338 A1 20190321 - ABB OY [FI]
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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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4258305 A1 20231011; AU 2023202029 A1 20231026; AU 2023202029 B2 20240523; CN 217719345 U 20221101

DOCDB simple family (application)
EP 23305448 A 20230330; AU 2023202029 A 20230403; CN 202220813140 U 20220408