

Title (en)
DEACTIVATION DEVICE FOR SEPARATING AN ELECTRICAL ENERGY SOURCE FROM A LOAD AND CIRCUIT SYSTEM HAVING A DEACTIVATION DEVICE

Title (de)
ABSCHALTUNGSEINRICHTUNG FÜR DIE TRENNUNG EINER ELEKTRISCHEN ENERGIEQUELLE VON EINER LAST UND SCHALTUNGSSYSTEM MIT EINER ABSCHALTUNGSEINRICHTUNG

Title (fr)
DISPOSITIF DE COUPURE SERVANT À SÉPARER UNE SOURCE D'ÉNERGIE ÉLECTRIQUE D'UNE CHARGE, ET SYSTÈME DE CIRCUIT COMPORTANT UN DISPOSITIF DE COUPURE

Publication
EP 2483988 A2 20120808 (DE)

Application
EP 10750083 A 20100818

Priority
• DE 102009045244 A 20091001
• EP 2010062012 W 20100818

Abstract (en)
[origin: WO2011038987A2] The invention relates to a deactivation device (1, 1') for separating an electrical power source (2) from a consumer (3) comprising at least two one-time switches (4), wherein the one-time switches (4) become non-functional upon switching upon the presence of a load exceeding a critical load separating an electrical connection, the one-time switches (4) are connected in parallel and the deactivation device (1, 1') is configured such that except for one one-time switch (4) that separates the power source (2) from the consumer (3) and connects the power source (2) to the consumer (3), the at least one other one-time switch (4) remains open and in the case of a lack of functionality of the one one-time switch (4), the at least one other one-time switch (4) is used to separate the power source (2) from the consumer (3) and to connect the power source (2) to the consumer (3).

IPC 8 full level
H02J 7/00 (2006.01); **H01H 39/00** (2006.01); **H02H 7/18** (2006.01)

CPC (source: EP US)
H02J 7/0031 (2013.01 - EP US); **H01H 2039/008** (2013.01 - EP US); **H02H 3/02** (2013.01 - EP US)

Citation (search report)
See references of WO 2011038987A2

Citation (examination)
• EP 1544049 A1 20050622 - PEUGEOT CITROEN AUTOMOBILES SA [FR]
• DE 102008063136 A1 20090917 - DAIMLER AG [DE]
• JP 2008147029 A 20080626 - KANEFUJI SANGYO KK

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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
DE 102009045244 A1 20110407; CN 102844955 A 20121226; CN 102844955 B 20150819; EP 2483988 A2 20120808; IN 626DEN2012 A 20150612; JP 2013506395 A 20130221; US 2012243135 A1 20120927; US 8817447 B2 20140826; WO 2011038987 A2 20110407; WO 2011038987 A3 20120419

DOCDB simple family (application)
DE 102009045244 A 20091001; CN 201080044508 A 20100818; EP 10750083 A 20100818; EP 2010062012 W 20100818; IN 626DEN2012 A 20120120; JP 2012531299 A 20100818; US 201013499417 A 20100818