

Title (en)

SWITCH VALIDATION CIRCUIT AND METHOD

Title (de)

SCHALTERPRÜFSCHALTUNG UND VERFAHREN DAFÜR

Title (fr)

CIRCUIT ET PROCÉDÉ DE VALIDATION PAR COMMUTATION

Publication

EP 3151905 A4 20180307 (EN)

Application

EP 15803693 A 20150603

Priority

- US 201414296085 A 20140604
- US 2015033990 W 20150603

Abstract (en)

[origin: WO2015187834A1] A switch-operated therapeutic agent delivery device is described. Embodiments of the operated therapeutic agent delivery device include a switch that can be operated by a user, a device controller connected to the switch through a switch input where the device can actuate the device when certain predetermined conditions are met, following performance of both a digital switch validation test and an analog switch validation test.

IPC 8 full level

A61N 1/08 (2006.01); **A61N 1/30** (2006.01); **G16H 20/17** (2018.01); **A61M 5/142** (2006.01)

CPC (source: EP KR US)

A61M 5/14248 (2013.01 - KR); **A61N 1/025** (2013.01 - KR); **A61N 1/0428** (2013.01 - KR); **A61N 1/08** (2013.01 - EP KR); **A61N 1/30** (2013.01 - EP KR US); **G16H 20/17** (2017.12 - EP KR US); **A61M 5/14248** (2013.01 - EP); **A61M 2005/14208** (2013.01 - KR); **A61M 2005/14264** (2013.01 - KR); **A61M 2205/16** (2013.01 - EP KR); **A61M 2205/17** (2013.01 - EP KR)

Citation (search report)

- [X] US 2013310729 A1 20131121 - WHITE BRADLEY E [US], et al
- See references of WO 2015187834A1

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)

WO 2015187834 A1 20151210; AU 2015271708 A1 20161201; CA 2949709 A1 20151210; CN 106573136 A 20170419; EP 3151905 A1 20170412; EP 3151905 A4 20180307; IL 249023 A0 20170131; JP 2017518111 A 20170706; KR 20170016890 A 20170214; MX 2016015453 A 20170323; RU 2016152271 A 20180718; RU 2016152271 A3 20181120; SG 11201609567W A 20161229

DOCDB simple family (application)

US 2015033990 W 20150603; AU 2015271708 A 20150603; CA 2949709 A 20150603; CN 201580041791 A 20150603; EP 15803693 A 20150603; IL 24902316 A 20161117; JP 2016571154 A 20150603; KR 20167036739 A 20150603; MX 2016015453 A 20150603; RU 2016152271 A 20150603; SG 11201609567W A 20150603