

Title (en)
Position switch

Title (de)
Positionsschalter

Title (fr)
Commutateur de position

Publication
EP 2879149 B1 20161005 (DE)

Application
EP 14003927 A 20141121

Priority
DE 102013019597 A 20131125

Abstract (en)
[origin: US2015144472A1] Position switch having a pivoting-lever actuator which has a switching shaft supported in an actuating head, said switching shaft switching an actuating element in order to move a plunger of a switching element arranged in a switch housing, wherein a switch head is fastened to the switch housing, the actuating head being fixable in a locking manner to said switch head in different angular positions, for which purpose the actuating head is connectable to the switch head via a plug-in toothing, wherein the switch head and the actuating head have crown toothings which are fittable axially to one another and the teeth of which that are arranged circumferentially in a manner spaced apart from one another provide first and second planar toothings, and the teeth of the first planar toothing have tooth flanks that have a greater radial extent than the teeth of the second planar toothing.

IPC 8 full level
H01H 21/28 (2006.01); **H01H 21/22** (2006.01)

CPC (source: CN EP US)
H01H 3/40 (2013.01 - CN); **H01H 21/22** (2013.01 - EP US); **H01H 21/28** (2013.01 - EP US); **H01H 2021/287** (2013.01 - EP US);
H01H 2221/052 (2013.01 - US)

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)
EP 2879149 A1 20150603; EP 2879149 B1 20161005; CN 104810170 A 20150729; CN 104810170 B 20180417;
DE 102013019597 A1 20150528; ES 2614733 T3 20170601; US 2015144472 A1 20150528; US 9431191 B2 20160830

DOCDB simple family (application)
EP 14003927 A 20141121; CN 201410852982 A 20141125; DE 102013019597 A 20131125; ES 14003927 T 20141121;
US 201414546967 A 20141118