

Title (en)
INSULATING SWITCHING ROD

Title (de)
ISOLIERENDE SCHALTSTANGE

Title (fr)
TIGE DE COMMUTATION ISOLANTE

Publication
EP 2188823 B1 20150826 (DE)

Application
EP 08803933 A 20080910

Priority
• EP 2008061966 W 20080910
• DE 102007044244 A 20070911

Abstract (en)
[origin: WO2009034092A1] The invention relates to an insulating switching rod (7) comprising a drive element (8) for initiating a drive movement in an electrical contact system of a switching device and for producing a contact force when the contact system is in the closed state, characterized in that it has a clamping apparatus (18) for the drive element (8) of the switching rod (7) in order to maintain the contact force. The aim of the invention is to produce a greater contact force with a compact design and ensure constant spring characteristics as well as low wear over the entire useful life. In order to achieve said aim, it is proposed that the switching rod (7) and the drive element (8) can be directly or indirectly connected to one another by means of a plug and latching connection (13).

IPC 8 full level
H01H 3/46 (2006.01); **H01H 33/42** (2006.01); **H01H 33/66** (2006.01)

CPC (source: EP US)
H01H 33/666 (2013.01 - EP US); **H01H 2033/6667** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2009034092 A1 20090319; EP 2188823 A1 20100526; EP 2188823 B1 20150826; US 2010307893 A1 20101209; US 8309872 B2 20121113

DOCDB simple family (application)
EP 2008061966 W 20080910; EP 08803933 A 20080910; US 67715408 A 20080910