

Title (en)
ON-LOAD TAP CHANGING DEVICE

Title (de)
LASTENUMSCHALTUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE CHANGEMENT DE PRISE SOUS CHARGE

Publication
EP 3171373 A1 20170524 (EN)

Application
EP 15821798 A 20150630

Priority
• JP 2014145430 A 20140715
• JP 2015068802 W 20150630

Abstract (en)
An on-load tap changer which ensures the compatibility of an oil tank when an interchange from the in-oil arc switching scheme to the vacuum-valve scheme is made, improves a retrofit function, achieves a space saving by simplifying components, and facilitates a construction of an actuation mechanism is provided. A change-over switch 46 for the vacuum-valve scheme is placed in an oil tank 50 filled with an insulation oil 56. The change-over switch 46 is provided with a main contact contained in vacuum valves 2, 3, 5, 6, and current-carrying conductors 7, 8 to reduce a current flowing in the main contact, and parallel link mechanisms actuating the current-carrying conductors 7, 8 in a parallel manner. A stationary contact 47 capable of contacting with and separating from the current-carrying conductors 7, 8 is attached to the internal wall surface of the oil tank 50. The change-over switch 46 is freely attachable to and detachable from the oil tank 50 with the stationary contact 47 being attached to the oil tank 50.

IPC 8 full level
H01F 29/04 (2006.01)

CPC (source: EP)
H01F 29/04 (2013.01); **H01H 9/0016** (2013.01); **H01H 9/0027** (2013.01); **H01H 9/0038** (2013.01); **H01H 9/0044** (2013.01); **H01H 9/08** (2013.01)

Cited by
WO2022148583A1

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EP 3171373 A1 20170524; **EP 3171373 A4 20180411**; **EP 3171373 B1 20190821**; JP 2016021533 A 20160204; JP 6282547 B2 20180221; WO 2016009825 A1 20160121

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