

Title (en)

INTERLOCK MECHANISM FOR AN EARTHING SWITCH OF A GAS INSULATED SUBSTATION

Title (de)

VERRIEGELUNGSMECHANISMUS FÜR EINEN ERDUNGSSCHALTER EINER GASISOLIERTEN TRANSFORMATORSCHALTUNG

Title (fr)

MÉCANISME DE VERROUILLAGE DESTINÉ À UN INTERRUPTEUR DE MISE À LA TERRE D'UN POSTE SOUS ENVELOPPE MÉTALLIQUE

Publication

**EP 3246931 B1 20190410 (EN)**

Application

**EP 16170388 A 20160519**

Priority

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Abstract (en)

[origin: EP3246931A1] The invention relates to an interlock system (1) to block or free a cogwheel of an actuation mechanism of an earth switch for gas insulated substation, this interlock system (1) comprising a housing (4) enclosing : - a swivel lever having an end moveable between a blocking position pressed against the cogwheel, and a free position at a distance from the cogwheel ; - a rotating axle movable between a blocking position and a free position, this axle having an inner extremity carrying a cam disc to move the swivel lever, and an outer extremity protruding out of the housing (4) to actuate this axle ; - a spring having an extremity secured to the swivel lever and another extremity secured to the housing (4) to press the swivel lever against the cam disk ; - a key lock (8, 9) secured to the housing (4) and cooperating with the axle (21) to lock it in its blocking or free position.

IPC 8 full level

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