

Title (en)

A GIS WITH A DISCONNECTOR-EARTHING SWITCH

Title (de)

GIS MIT EINEM TRENNER/ERDUNGSSCHALTER

Title (fr)

GIS À COMMUTATEUR DE DÉCONNEXION ET RACCORDEMENT À LA TERRE

Publication

EP 3336870 B1 20211103 (EN)

Application

EP 16204156 A 20161214

Priority

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Abstract (en)

[origin: EP3336870A1] The invention relates to a gas-insulated switchgear (GIS) (100) comprising a disconnector-earthing switch (DES), the DES (10) comprising a housing (11), a disconnector piston (30) and an earthing piston (40), the DES (10) further comprising an actuating mechanism (20) arranged to operate the pistons (30, 40) to place them in three configurations, namely where both the disconnector piston (30) and earthing piston (40) are in the retracted position, where the disconnector piston (30) is in the extended position and the earthing piston (40) is in the retracted position, and where the earthing piston (40) is in the extended position and the disconnector piston (30) is in the retracted position, comprising a crankshaft (28) and two piston rods (23, 24), the crankshaft (28) being arranged to rotate about a crank axis perpendicular to the plane parallel to the axes of the pistons (30, 40) and which intersects the axes of the two pistons (30, 40), the DES arranged such that whenever a piston (30, 40) is in the retracted position it is flush with the housing (11).

IPC 8 full level

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CPC (source: EP)

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