

Title (en)
SWITCHING POLE FOR A HIGH-VOLTAGE NETWORK

Title (de)
SCHALTPOL FÜR EIN HOCHSPANNUNGSNETZ

Title (fr)
PÔLE DE COMMUTATION POUR UN RÉSEAU HAUTE TENSION

Publication
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Application
EP 08760151 A 20080528

Priority
• EP 2008056556 W 20080528
• DE 102007028205 A 20070615

Abstract (en)
[origin: WO2008151937A1] The invention relates to a switching pole (1) for a high-voltage network, having a switching unit (5) disposed in the switching pole housing (2) thereof, the switching unit comprising a fixed and movable contact, wherein an input connector (4) on the fixed contact side is connected to an output connector (10) on the movable contact side in an electrically conductive manner in the switched-on position of the switching unit (5). In order to be able to simultaneously connect a current (12) and a voltage sensor (16, 16') to one of the connectors while maintaining breakdown safety, the invention provides an arrangement of the current (12) and voltage sensors (16, 16') at a circumferential distance from each other on the circumferential wall (3) of the switching pole housing (2), which prevents partial discharges.

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H01H 33/027 (2013.01 - EP US); **H01H 23/06** (2013.01 - EP); **H01H 2033/6623** (2013.01 - EP US)

Citation (opposition)
Opponent : ABB Technology AG
• DE 19620348 A1 19971016 - ABB PATENT GMBH [DE]
• "VIPERS Solid Dielectric Three Phase Recloser", CATALOG GW5-VS07, January 2007 (2007-01-01), XP055289047

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