

Title (en)
ARMoured STATION ELEMENT ARTICULATED TO THE GROUND

Title (de)
AM BODEM ANGELENKTER GEKAPSELTER SCHALTANLAGE

Title (fr)
ELEMENT DE POSTE BLINDE ARTICULE AU SOL

Publication
EP 1466395 A2 20041013 (FR)

Application
EP 02801163 A 20021220

Priority
• FR 0204504 W 20021220
• FR 0116661 A 20011221

Abstract (en)
[origin: WO03055026A2] The invention concerns a high voltage shielded station comprising at least a circuit breaker electrically and mechanically connected to at least a set of bars (3, 4) extending along a direction (D) transverse to the longitudinal axis (AX) of the circuit breaker. The metal cladding (1) is fixed to the ground via an articulation allowing a slight pendular movement of the cladding when said set of bars (3, 4) expands along said transverse direction (D). Such an arrangement eliminates or reduces the use of axial bellows on the set of bars to reduce production cost of the armoured station. Advantageously, combined with said articulation, the cladding is designed to be flexible in order to reduce mechanical stresses in the cladding when the set of bars expands.

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H02B 1/22 (2013.01 - EP US); **H02B 5/06** (2013.01 - EP KR US); **H02B 13/045** (2013.01 - EP KR US)

Citation (search report)
See references of WO 03055026A2

Citation (examination)
• US 5627723 A 19970506 - HAEGELI HEINZ [CH], et al
• GB 1272553 A 19720503 - ALSTHOM CGEE [FR]

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