

Title (en)
Gas-insulated disconnecter with shield

Title (de)
Gasisolierter Trennschalter mit Schutz

Title (fr)
Sectionneur à isolation gazeuse avec écran

Publication
EP 2696361 B1 20170329 (EN)

Application
EP 13179580 A 20130807

Priority
• EP 12179913 A 20120809
• EP 13179580 A 20130807

Abstract (en)
[origin: EP2696361A1] A gas-insulated disconnecter (1) comprises a housing (100), a first contact unit (110), and a second contact unit (120) which comprises an electrically conductive shield (180) and an inner contact element (130). Inner contact element (130) is movable relative to the housing (100) along an axis (160) between a closed-disconnector position in which inner contact element (130) contacts the first contact unit (110) and an open-disconnector position in which inner contact element (130) is separated from first contact unit (110). The axis (160) extends between first contact unit (110) and second contact unit (120). The conductive shield (180) is arranged radially outside of inner contact element (130) for electrically shielding the inner contact element (130), thereby substantially reducing a radial electrical field component in a region between first contact unit (110) and inner contact element (130). The shield (180) is movable along the axial direction (160) relative to the housing (100) and relative to the inner contact element (130).

IPC 8 full level
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CPC (source: EP)
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