

Title (en)

ELECTRICAL CONNECTOR COMPRISING A FIRST ELECTRICAL CONTACT AND A MOBILE BODY MOVING AXIALLY AT DIFFERENT SPEED

Title (de)

ELEKTRISCHER VERBINDER MIT EINEM ERSTEN ELEKTRISCHEN KONTAKT UND EINEM SICH AXIAL MIT UNTERSCHIEDLICHER GESCHWINDIGKEIT BEWEGENDEN MOBILEN KÖRPER

Title (fr)

CONNECTEUR ÉLECTRIQUE COMPRENANT UN PREMIER CONTACT ÉLECTRIQUE ET UN CORPS MOBILE SE DÉPLAÇANT AXIALEMENT À UNE VITESSE DIFFÉRENTE

Publication

**EP 4105959 A1 20221221 (EN)**

Application

**EP 21179831 A 20210616**

Priority

EP 21179831 A 20210616

Abstract (en)

The invention concerns a first electrical connector (2) for a medium or a high voltage gas insulated electrical equipment (1). The first electrical connector (20) comprises a first electrical contact (20), a mobile body (22) and a fixed body (23). The mobile body (20) at least partially delimits with the fixed body (23) a compression chamber (29) to be filled with an arc extinguishing fluid. According to the invention, the first electrical connector (2) comprises an actuation mechanism (30) configured to move the first electrical contact (20) and the mobile body (22) axially with different speeds relative to the fixed body (23).

IPC 8 full level

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CPC (source: EP)

**H01H 33/904** (2013.01); **H01H 33/905** (2013.01); **H01H 33/42** (2013.01)

Citation (search report)

- [XY] DE 2934082 A1 19810326 - LICENTIA GMBH
- [Y] FR 2491675 A1 19820409 - ALSTHOM ATLANTIQUE [FR]
- [IY] US 5561280 A 19961001 - BLATTER JOHANNES [CH]

Designated contracting state (EPC)

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