

Title (en)

Vacuum interrupter for low-, medium-, or high voltage use, for high environmental pressure application

Title (de)

Vakuumschalter für Nieder-, Mittel- oder Hochspannungsanwendung für Einrichtung mit hohem Umgebungsdruck

Title (fr)

Interrupteur à vide pour utilisation à basse, moyenne ou haute tension, pour une application de pression de l'environnement

Publication

EP 3018683 A1 20160511 (EN)

Application

EP 14003735 A 20141106

Priority

EP 14003735 A 20141106

Abstract (en)

The invention relates to a Vacuum interrupter for low-, medium-, or high-voltage use, for high environmental pressure application, with at least one moving contact and one fixed contact in an insulting ceramic housing. In order to reduce the needed number of parts in the case of a pressure tight vacuum interrupter or switchgear installation in high pressure environment like in subsea application, the invention is, that the ceramic housing (4) of the vacuum interrupter itself is high pressure tight, in the range of vacuum inside the ceramic housing, and up to 500 Bar outside of ceramic housing.

IPC 8 full level

H01H 33/662 (2006.01)

CPC (source: EP)

H01H 33/66207 (2013.01); **H01H 2033/66215** (2013.01); **H01H 2033/66223** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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