

Title (en)
HIGH-VOLTAGE DEVICE

Title (de)
HOCHSPANNUNGSVORRICHTUNG

Title (fr)
DISPOSITIF HAUTE TENSION

Publication
EP 3387656 A1 20181017 (DE)

Application
EP 17700636 A 20170110

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Abstract (en)
[origin: WO2017137193A1] The invention relates to a high-voltage device comprising a cylindrical hollow conductor which is gas-tightly sealed on both sides, an insulation body that extends about the hollow conductor in a longitudinal direction, and a cooling liquid in an interior of the hollow conductor. The invention is characterized in that the following applies to the volume V of the cooling liquid: $V > c \cdot U \cdot L$, where c is a length constant having a value of 0.1 mm, U is an inner circumference, in mm, of the hollow conductor, and L is an axial length, in mm, of the hollow conductor.

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