

Title (en)

EXTINGUISHING CHAMBER OF MAGNETIC BLOW-OUT TYPE FOR AN ELECTRICAL BREAKING DEVICE AND ELECTRICAL BREAKING DEVICE EQUIPPED WITH SUCH A CHAMBER

Title (de)

LÖSCHKAMMER EINES MAGNETISCHEN AUSBLASTTYPUS FÜR EINE ELEKTRISCHE BREMSVORRICHTUNG UND MIT EINER SOLCHEN KAMMER AUSGESTATTETE ELEKTRISCHE BREMSVORRICHTUNG

Title (fr)

CHAMBRE DE COUPURE À SOUFFLAGE MAGNÉTIQUE POUR UN APPAREIL DE COUPURE ÉLECTRIQUE ET APPAREIL DE COUPURE ÉLECTRIQUE ÉQUIPÉ D'UNE TELLE CHAMBRE

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Application

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Abstract (en)

[origin: WO2021165055A1] The invention relates to an extinguishing chamber (100) of magnetic blow-out type for a breaking device, said chamber comprising a field source (2), a magnetic carcass (3) and a breaking region (Z) in which an electric arc (E) is liable to form when a breaking pole (PC) belonging to said breaking devices is opened, said field source (2) being arranged to generate a magnetic field (B) intended to move said electric arc (E) in order to stretch it and accelerate its cooling and its extinguishment, and said carcass (3) being arranged to channel said magnetic field (B). It is characterised in that said carcass (3) is up against said field source (2) and closes in front thereof, to create a gap (D2) in the magnetic circuit formed by said field source (2) and said carcass (3) and to thus maximise the magnetic field (B) that passes through said breaking region (Z).

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