

Title (en)

MOBILE CONDUCTING UNIT FOR A BREAKER, INCLUDING A SPRING FOR ACCELERATING THE SEPARATION OF ARC CONTACTS

Title (de)

MOBILE FÖRDEREINHEIT FÜR EINEN LEISTUNGSSCHALTER MIT EINER FEDER ZUR BESCHLEUNIGUNG DER TRENNUNG VON LICHTBOGENKONTAKTEN

Title (fr)

ENSEMBLE CONDUCTEUR MOBILE POUR SECTIONNEUR, COMPRENANT UN RESSORT PERMETTANT D'ACCELERER LA SEPARATION DES CONTACTS D'ARC

Publication

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Application

EP 12808762 A 20121212

Priority

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- EP 2012075172 W 20121212

Abstract (en)

[origin: WO2013087669A1] The invention relates to a breaker (1) including a mobile conducting unit (6) comprising an electrically conductive main body (9) including a permanent contact (4b) and an electric-arc contact (5b). According to the invention, the unit (6) also comprises a secondary body (14) mounted so as to be slidable relative to the main body (9) in a direction of movement (11) of said unit (6), wherein the secondary body (14) is to be connected to an attachment point (22) of a device for driving the unit (6), the latter further comprising a resilient return means (16) provided between the bodies (9, 14), wherein the device is designed such that, during an opening operation, the resilient return means (16) first accumulates energy by moving the secondary body (14) relative to the main body (9), and then releases the accumulated energy in order to cause an acceleration of the main body (9).

IPC 8 full level

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CPC (source: EP US)

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Cited by

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DOCDB simple family (publication)

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