

Title (en)

Brake resistance

Title (de)

Bremswiderstand

Title (fr)

Résistance au freinage

Publication

EP 2418659 B1 20151014 (DE)

Application

EP 11177032 A 20110809

Priority

- DE 102010034150 A 20100811
- DE 102011001362 A 20110317

Abstract (en)

[origin: EP2418659A2] The resistor has a cooling body (2) designed with a receiving chamber (14) for a wire heating element, which is positioned relative to walls of the body by magnesium oxide-filling (12) i.e. magnesium oxide-ballast. The chamber is closed by a current supplying sided closure and a bottom sided closure on a face side. The closures include micanite tiles adjacent to the filling, where the tiles are inserted in the chamber and sealed by a sealing agent (26) i.e. hardenable sealing mass. A closure plate (28) is provided at a distance or adjacent to the tiles and mechanically connected with the body. An independent claim is also included for a method for manufacturing a brake resistance unit. The closure plates are made of glass or ceramic.

IPC 8 full level

H05B 3/52 (2006.01); **B60L 7/02** (2006.01); **H01C 1/028** (2006.01); **H01C 3/00** (2006.01); **H01C 3/04** (2006.01); **H05B 3/48** (2006.01); **H05B 3/50** (2006.01)

CPC (source: EP)

H01C 1/028 (2013.01); **H01C 3/00** (2013.01); **H01C 3/04** (2013.01); **H05B 3/48** (2013.01)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2418659 A2 20120215; **EP 2418659 A3 20120829**; **EP 2418659 B1 20151014**; DE 102011001362 A1 20120216; DK 2418659 T3 20160125

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