

Title (en)

RESISTOR ELEMENT WITH PTC PROPERTIES AND HIGH ELECTRICAL AND THERMAL CONDUCTIVITY

Title (de)

WIDERSTANDSELEMENT MIT PTC-EIGENSCHAFTEN UND HOHER ELEKTRISCHER UND THERMISCHER LEITFÄHIGKEIT

Title (fr)

ELEMENT RESISTIF AYANT DES CARACTERISTIQUES DE CTP AINSI QU'UNE CONDUCTIVITE ELECTRIQUE ET THERMIQUE ELEVEE

Publication

**EP 2047486 B1 20110309 (DE)**

Application

**EP 07785661 A 20070719**

Priority

- DE 2007001293 W 20070719
- DE 102006033691 A 20060720

Abstract (en)

[origin: WO2008009280A1] The invention specifies a resistor element with a ceramic body (1) which has PTC properties. At least one main surface of the ceramic body (1) has an arrangement of depressions (21, 22).

IPC 8 full level

**H01C 1/084** (2006.01); **H01C 7/02** (2006.01)

CPC (source: EP US)

**H01C 1/084** (2013.01 - EP US); **H01C 7/02** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**WO 2008009280 A1 20080124**; DE 102006033691 A1 20080131; DE 502007006682 D1 20110421; EP 2047486 A1 20090415;  
EP 2047486 B1 20110309; JP 2009544160 A 20091210; US 2009179730 A1 20090716; US 7902958 B2 20110308

DOCDB simple family (application)

**DE 2007001293 W 20070719**; DE 102006033691 A 20060720; DE 502007006682 T 20070719; EP 07785661 A 20070719;  
JP 2009519790 A 20070719; US 35627009 A 20090120