

Title (en)

Heating device and electric device with a heating device

Title (de)

Heizeinrichtung und Elektrogerät mit Heizeinrichtung

Title (fr)

Dispositif de chauffage et appareil électrique doté d'un dispositif de chauffage

Publication

EP 2693835 B1 20160323 (DE)

Application

EP 13177680 A 20130723

Priority

DE 102012213385 A 20120730

Abstract (en)

[origin: EP2693835A1] The heating device (11) has a carrier (12) and heating conductors (14) that are attached to the carrier. The temperature sensors (20, 22) such as negative temperature coefficient (NTC) resistors are arranged on the carrier, and are configured as discrete and separate components. A temperature sensor (20) is arranged close to the heating conductor. Another temperature sensor (22) is provided with a greater distance to the heating conductor than the temperature sensor (20). An independent claim is included for an electric appliance.

IPC 8 full level

H05B 3/34 (2006.01); **F24H 1/00** (2006.01); **F24H 1/16** (2006.01); **H05B 3/32** (2006.01); **H05B 3/58** (2006.01)

CPC (source: EP US)

F24H 1/0018 (2013.01 - EP US); **F24H 1/162** (2013.01 - EP US); **H05B 3/58** (2013.01 - EP US); **H05B 2203/002** (2013.01 - EP US); **H05B 2203/013** (2013.01 - EP US); **H05B 2203/021** (2013.01 - EP US)

Cited by

WO2019137692A1

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 2693835 A1 20140205; **EP 2693835 B1 20160323**; CN 103702458 A 20140402; DE 102012213385 A1 20140522; ES 2569707 T3 20160512; PL 2693835 T3 20160930; US 2014029928 A1 20140130

DOCDB simple family (application)

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