

Title (en)

Electric heating cartridge with connecting circuit

Title (de)

Elektrische Heizpatrone mit Anschlussleitung

Title (fr)

Cartouche de chauffage électrique dotée d'une conduite de raccordement

Publication

EP 2334139 B1 20130213 (DE)

Application

EP 10015322 A 20101206

Priority

DE 102009044877 A 20091214

Abstract (en)

[origin: EP2334139A1] The heater (1) has an integral plastic part (9) openly terminating with an insertion opening of a contact bush (10). An outwardly projecting attachment (16) is provided at a jacket of the plastic part. A collar (17) of a cap nut (18) is supported at the attachment. A sealing element is arranged in a region (19) between a front face of the attachment and a front face of a sleeve (12). The plastic part is enclosed in a region between a gripping part of the nut and a supply cable (7) and over a supply cable portion, which projects over the plastic part and enclosed by a shrink tube (20).

IPC 8 full level

H05B 3/06 (2006.01); **H05B 3/44** (2006.01)

CPC (source: EP US)

H05B 3/06 (2013.01 - EP US); **H05B 3/44** (2013.01 - EP US)

Cited by

EP2933578B1

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 2334139 A1 20110615; EP 2334139 B1 20130213; CN 102098816 A 20110615; CN 102098816 B 20141119;
DE 102009044877 A1 20110616; DE 102009044877 B4 20130221; US 2011139768 A1 20110616; US 8383996 B2 20130226

DOCDB simple family (application)

EP 10015322 A 20101206; CN 201010586927 A 20101214; DE 102009044877 A 20091214; US 96820710 A 20101214