

Title (en)
HEATING CARTRIDGE

Title (de)
HEIZPATRONE

Title (fr)
CARTOUCHE DE CHAUFFAGE

Publication
EP 3094158 B1 20200325 (DE)

Application
EP 16168183 A 20160503

Priority
DE 202015102449 U 20150512

Abstract (en)
[origin: US2016338148A1] A cartridge type heater (10, 20, 30, 40) with a jacket pipe (11, 21, 31, 41) including metal and with an electric heating element (32), which is arranged within the jacket pipe (11, 21, 31, 41). At least one terminal lug (14, 24, 34, 44) is connected in one piece to the jacket pipe (11, 21, 31, 41).

IPC 8 full level
H05B 3/06 (2006.01); **H05B 3/48** (2006.01)

CPC (source: EP US)
H05B 3/0014 (2013.01 - US); **H05B 3/06** (2013.01 - EP US); **H05B 3/42** (2013.01 - US); **H05B 3/48** (2013.01 - EP US);
H05B 2203/014 (2013.01 - EP US)

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)
DE 202015102449 U1 20150529; EP 3094158 A1 20161116; EP 3094158 B1 20200325; US 10257886 B2 20190409;
US 2016338148 A1 20161117

DOCDB simple family (application)
DE 202015102449 U 20150512; EP 16168183 A 20160503; US 201615150867 A 20160510