

Title (en)
HANDHELD PORTABLE HOT AIR DEVICE

Title (de)
TRAGBARE HANDGEFÜHRTE HEISSLUFTVORRICHTUNG

Title (fr)
DISPOSITIF À AIR CHAUD PORTABLE ET TENU À LA MAIN

Publication
EP 3430314 A4 20191113 (EN)

Application
EP 17767068 A 20170315

Priority
• SE 1630056 A 20160315
• SE 2017050252 W 20170315

Abstract (en)
[origin: WO2017160215A1] A handheld, portable hot air device (1, 30) comprising an electrical heating element (31), a fan (33) for inducing an air stream to pass the heating element (31) and an accumulator (34) for powering the heating element (31) and the fan (33), and in that said heating element(1, 31) comprises a ceramic tube (35) having a rear end and a front end and in which rear end a wire circuit (41, 42) with at least one heating wire (32) enters and leaves the ceramic tube (35) and in that the heating wire (32) either protrudes out from the front end of the ceramic tube (35) or enters the front end of the ceramic tube (35) in a spiral formed shape and in that one heating wire (421) is wrapped around a central ceramic conduit (43) located in the center of the ceramic tube (35).

IPC 8 full level
F23Q 7/16 (2006.01); **A47J 37/07** (2006.01); **F23Q 7/04** (2006.01); **F24H 3/04** (2022.01)

CPC (source: EP SE US)
A45D 20/10 (2013.01 - EP US); **A47J 37/079** (2013.01 - EP SE US); **C04B 35/10** (2013.01 - EP US); **C04B 35/111** (2013.01 - EP US); **C04B 35/117** (2013.01 - EP US); **C04B 35/64** (2013.01 - EP US); **F23Q 7/04** (2013.01 - EP SE US); **F23Q 7/16** (2013.01 - EP SE US); **F24H 3/0423** (2013.01 - EP US); **F24H 9/1863** (2013.01 - EP US); **H05B 3/16** (2013.01 - EP US); **H05B 3/42** (2013.01 - EP US); **C04B 2235/3206** (2013.01 - EP US); **C04B 2235/3208** (2013.01 - EP US); **C04B 2235/3418** (2013.01 - EP US); **C04B 2235/349** (2013.01 - EP US); **C04B 2235/442** (2013.01 - EP US); **C04B 2235/5292** (2013.01 - EP US); **C04B 2235/94** (2013.01 - EP US); **C04B 2235/945** (2013.01 - EP US); **F23Q 7/22** (2013.01 - SE); **F24H 3/0423** (2013.01 - SE); **H05B 2203/021** (2013.01 - EP US)

Citation (search report)
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• [YP] US 9526311 B1 20161227 - SCHAEFER EILEEN BONNIE [US], et al
• [Y] IT BS20100076 A1 20111013 - I T S SRL
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• [A] US 2008230044 A1 20080925 - WARNER JON A [US]
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Designated contracting state (EPC)
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SE 2017050252 W 20170315; CN 201780015762 A 20170315; EP 17767068 A 20170315; SE 1630056 A 20160315; US 201716085137 A 20170315