

Title (en)  
HEAT GUN

Title (de)  
HEISSLUFTPISTOLE

Title (fr)  
PISTOLET À AIR CHAUD

Publication  
**EP 3548811 A1 20191009 (DE)**

Application  
**EP 17768438 A 20170914**

Priority  
• DE 102016014334 A 20161202  
• EP 2017073166 W 20170914

Abstract (en)  
[origin: WO2018099622A1] The invention relates to a heat gun (10) having: a housing (12) with an air duct (20) opening into an air outlet (18); a hot air device (22) arranged in the housing (12) for generating a hot air flow and for guiding the hot air flow through the air duct (20) via the air outlet (18) onto a workpiece; and a thermometer (36) with a temperature sensor (34) for contactless measurement of a surface temperature of the workpiece. According to the invention, a measuring tube (28) is arranged in the air duct (20), the forward end (30) of which tube is open and faces the air outlet (18) and in the rear end (32) of which tube the temperature sensor (34) is arranged.

IPC 8 full level  
**F24H 3/04** (2006.01)

CPC (source: EP)  
**F24H 3/0423** (2013.01); **G01J 5/0003** (2013.01); **G01J 5/025** (2013.01); **G01J 5/0265** (2013.01); **G01J 5/0808** (2022.01); **G01J 5/0818** (2013.01);  
**G01J 5/0893** (2013.01)

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2018099622 A1 20180607**; CN 109952475 A 20190628; DE 102016014334 A1 20180607; EP 3548811 A1 20191009

DOCDB simple family (application)  
**EP 2017073166 W 20170914**; CN 201780070507 A 20170914; DE 102016014334 A 20161202; EP 17768438 A 20170914