

Title (en)  
HEAT GUN WITH SELF-COOLING SYSTEM

Title (de)  
HEIZPISTOLE MIT SELBSTKÜHLUNGSSYSTEM

Title (fr)  
PISTOLET THERMIQUE COMPORTANT UN SYSTÈME À AUTO-REFROIDISSEMENT

Publication  
**EP 3324115 A1 20180523 (EN)**

Application  
**EP 17190313 A 20170911**

Priority  
• TW 105138096 A 20161121  
• TW 106103167 A 20170126

Abstract (en)  
A heat gun (10, 10a) includes a head portion (20, 20a) defining a flow passage (21, 21a) and including a windshield (30, 30a) disposed at an outlet end (212, 212a) of the flow passage. The windshield includes a first partition (31, 31a) and a shield (33, 33a). The first partition has opposing first and second sides (311, 311a, 312, 312a). The first side aligns a first phantom line (P1). The shield includes a first, second, and third through hole (331, 331a, 332, 332a, 333, 333a). The first through hole is located on a right side of the first phantom line. The second through hole is located on a left side of the first phantom line. The third hole includes a portion located on the right side of the first phantom line and a portion located on the left side of the first phantom line.

IPC 8 full level  
**F23D 14/38** (2006.01); **F23D 14/56** (2006.01); **F23D 99/00** (2010.01)

CPC (source: EP US)  
**F23D 14/38** (2013.01 - EP US); **F23D 14/56** (2013.01 - EP US); **F23D 91/02** (2015.07 - EP US); **F24H 3/0423** (2013.01 - EP US); **F24H 9/0063** (2013.01 - EP US); **F24H 9/1863** (2013.01 - EP US)

Citation (applicant)  
EP 1795803 A2 20070613 - GUILBERT EXPRESS SA [FR]

Citation (search report)  
• [A] US 2013302019 A1 20131114 - GUILLOU YVES [FR], et al  
• [A] US 2014208996 A1 20140731 - ZHU HONGFENG [CN], et al  
• [A] GB 2030280 A 19800402 - HADLAND & OLIVE LTD  
• [AD] EP 1795803 A2 20070613 - GUILBERT EXPRESS SA [FR]

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)  
**EP 3324115 A1 20180523**; US 2018142920 A1 20180524

DOCDB simple family (application)  
**EP 17190313 A 20170911**; US 201715680346 A 20170818