

Title (en)
Gas hot air gun head

Title (de)
Gas-Heißluftpistolenkopf

Title (fr)
Tête de pistolet à air chaud à gaz

Publication
EP 2937631 A1 20151028 (EN)

Application
EP 14181364 A 20140819

Priority
TW 103114496 A 20140422

Abstract (en)
A gas hot air gun head (10) includes a fuel supply device (20) engagable with a gas reservoir (90) and having a fluid inlet end (21), a fluid outlet end (22) and a channel (23) extending from the fluid inlet end to the fluid outlet end. Further, a flow-guiding device (30) connects to the fluid outlet end of the fuel supply device and includes a combustor (31). The combustor connects to the fuel supply device. The combustor includes a combustion chamber (313) extending therethrough. The combustion chamber includes first and second flow-guiding plates (34, 35) engaging therein and separating from each other in an axial direction. The first flow-guiding plate includes a plurality of first holes (341) extending therethrough. The second flow-guiding plate includes a plurality of second holes (351) extending therethrough. A centerline of one of the plurality of first holes offsets from centerlines of the plurality of second holes.

IPC 8 full level
F23D 14/28 (2006.01); **F23D 14/38** (2006.01); **F23D 14/46** (2006.01); **F23D 14/70** (2006.01); **F24H 3/00** (2006.01)

CPC (source: EP)
F23D 14/28 (2013.01); **F23D 14/38** (2013.01); **F23D 14/465** (2013.01); **F23D 14/70** (2013.01); **F24H 3/0423** (2013.01)

Citation (applicant)
TW I261100 B 20060901 - PRO IRODA IND INC [TW]

Citation (search report)
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EP3598021A3; CN108087873A; CN109249106A; CN108087878A; CN108361694A; US10670263B2

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

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EP 14181364 A 20140819; TW 103114496 A 20140422