

Title (en)
Handtool with improved gas combustion

Title (de)
Handwerkzeug mit verbesserter Gasverbrennung

Title (fr)
Outil à main à combustion de gaz amélioré

Publication
EP 2037174 B1 20170111 (FR)

Application
EP 08290820 A 20080901

Priority
FR 0706419 A 20070913

Abstract (en)
[origin: EP2037174A1] The burner (5) has an elongated burner body (21) associated on both sides of a gas injector (17) and a gas combustion zone (19). The combustion zone includes an outlet orifice (35) opening outside a periphery (25) of the burner body, where the periphery supports circulation of gas outside the burner body toward the combustion zone. The periphery of the burner body includes a partially cylindrical section (27) near the gas injector, and a section (29) near the combustion zone, where the cylindrical section is connected to the section (29).

IPC 8 full level
F23D 14/52 (2006.01)

CPC (source: EP US)
F23D 14/52 (2013.01 - EP US)

Cited by
FR3114639A1; US8585397B2; USD962398S; EP2169309A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2037174 A1 20090318; EP 2037174 B1 20170111; CA 2639231 A1 20090313; CA 2639231 C 20150421; CN 101392907 A 20090325; CN 101392907 B 20121121; ES 2622086 T3 20170705; FR 2921146 A1 20090320; FR 2921146 B1 20100226; MA 30317 B1 20090401; PL 2037174 T3 20170731; RU 2008136805 A 20100320; US 2009075221 A1 20090319; US 8262386 B2 20120911

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EP 08290820 A 20080901; CA 2639231 A 20080828; CN 200810175619 A 20080912; ES 08290820 T 20080901; FR 0706419 A 20070913; MA 31223 A 20080909; PL 08290820 T 20080901; RU 2008136805 A 20080912; US 19832108 A 20080826