

Title (en)
ELECTRONICALLY CONTROLLED BURNER

Title (de)
ELEKTRONISCH GESTEUERTER BRENNER

Title (fr)
BRÛLEUR À COMMANDE ÉLECTRONIQUE

Publication
EP 2807424 B1 20161109 (EN)

Application
EP 13708663 A 20130118

Priority
• DK PA201200052 A 20120119
• DK 2013000008 W 20130118

Abstract (en)
[origin: WO2013107455A2] An electronically controlled burner (2) configured to combust bioethanol, which electronically controlled burner (2) comprises at least one fuel tank (6) being in fluid communication with an evaporation accelerator (10) being in thermal contact with a heating element (12) configured to heat and hereby evaporate fuel in the evaporation accelerator (10), a flame tray (4) having an ignition member (36) configured to ignite vapour delivered from the evaporation accelerator (10). The electronically controlled burner (2) comprises at least one fuel pump (8) configured to pump fluid fuel from at least one fuel tank (6) to the evaporation accelerator (10), where the electronically controlled burner (2) comprises means (8) for actively emptying the evaporation accelerator (10).

IPC 8 full level
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CPC (source: EP)
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Citation (examination)
• US 4614493 A 19860930 - NAKAMURA KAZUHARU [JP], et al
• WO 2012000562 A1 20120105 - SCHWOERERHAUS KG [DE], et al
• WO 2010074767 A1 20100701 - VACCA INC [US]

Cited by
GB2618619A; FR3111685A1

Designated contracting state (EPC)
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