

Title (en)
Catalytic burner, particularly for a vehicle heating system

Title (de)
Katalytischer Brenner, insbesondere für eine Fahrzeugheizung

Title (fr)
Brûleur catalytique, notamment pour un chauffage de véhicule

Publication
EP 2916072 B1 20180613 (DE)

Application
EP 15154581 A 20131219

Priority
• DE 102013200016 A 20130102
• EP 13198505 A 20131219

Abstract (en)
[origin: EP2752620A1] The catalytic burner (10) has a mixing chamber (24), a combustion air supply arrangement for supplying of combustion air to the mixing chamber, a fuel supply arrangement for supplying of fuel to the mixing chamber and a catalyzer arrangement (46) with a catalyzer unit (48). The catalyzer arrangement is arranged downstream the mixing chamber and the catalyzer unit is flow-throughable by the fuel-combustion air mixture. The fuel supply arrangement receives a liquid fuel from a fuel supply line (34) and comprises porous evaporator arrangement (28) emitting fuel vapor in the mixing chamber. The catalyzer unit comprises a grid-like carrier with catalyzer material at its surface.

IPC 8 full level
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