

Title (en)

MOBILE HEATING UNIT OPERATED BY MEANS OF LIQUID FUEL

Title (de)

MOBILES, MIT FLÜSSIGEM BRENNSTOFF BETRIEBENES HEIZGERÄT

Title (fr)

APPAREIL MOBILE DE CHAUFFAGE À COMBUSTIBLE LIQUIDE

Publication

**EP 2820352 A1 20150107 (DE)**

Application

**EP 13709747 A 20130222**

Priority

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- DE 2013100069 W 20130222

Abstract (en)

[origin: WO2013127391A1] The invention relates to a mobile heating unit operated by means of liquid fuel, comprising a combustion chamber (2) that has a combustion air inlet (3), wherein the combustion chamber (2) has a widening section (20) adjoining the combustion air inlet (3), the cross-section of which widening section widens as the distance from the combustion air inlet (3) increases, and air is converted by means of fuel into a flaming combustion in said widening section during operation combustion, a fuel supply arrangement that is arranged in such a manner that fuel is supplied into the widening section (20), and an air guiding device (6) that is designed to introduce the combustion air into the widening section (20) by means of a flow component running in the circumferential direction, such that an axial recirculating region forms in the widening section (20), in which region gases flow counter to a main flow direction (H) in the direction of the combustion air inlet (3).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2013127391A1

Citation (examination)

EP 2629008 A1 20130821 - SIEMENS AG [DE]

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