

Title (en)
Device for heating a gas

Title (de)
Vorrichtung zum Erwärmen eines Gases

Title (fr)
Dispositif destiné à chauffer un gaz

Publication
EP 2647308 A3 20171206 (DE)

Application
EP 13161962 A 20130402

Priority
DE 102012205668 A 20120405

Abstract (en)
[origin: EP2647308A2] The device (4) has flow channels (10a-10g) extending in a flow direction (6) for feeding gas. Heating units (12a-12c) are operated independent of each other and attached to the flow channels (10a-10c). The heating units are formed to heat the gas flowing through the flow channels attached to the heating units. The heating units comprise temperable heating elements arranged within the flow channels. The heating elements are thermally connected with a solid body and embedded in the solid body surrounding the flow channels. An independent claim is also included for a hair dryer.

IPC 8 full level
A45D 20/12 (2006.01)

CPC (source: EP)
A45D 20/12 (2013.01)

Citation (search report)

- [X] EP 0203437 A2 19861203 - BRAUN AG [DE]
- [X] EP 0393018 A1 19901017 - MENHARDT WALTHER DR [AT]
- [X] DE 1942806 A1 19710311 - HAAK DIETER, et al
- [X] GB 1435831 A 19760519 - NISSAN MOTOR

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2647308 A2 20131009; EP 2647308 A3 20171206; DE 102012205668 A1 20131010; DE 102012205668 B4 20140116

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