

Title (en)

DEVICE FOR HEATING AT LEAST ONE COMPONENT, IN PARTICULAR AN INTERNAL COMBUSTION ENGINE OF A VEHICLE

Title (de)

VORRICHTUNG ZUM ERWÄRMEN WENIGSTENS EINER KOMPONENTE, INSBESONDERE EINES VERBRENNUNGSMOTORS EINES FAHRZEUGS

Title (fr)

DISPOSITIF DE CHAUFFAGE D'AU MOINS UN COMPOSANT, NOTAMMENT UN MOTEUR THERMIQUE DE VÉHICULE

Publication

**EP 2892971 A1 20150715 (FR)**

Application

**EP 13756654 A 20130801**

Priority

- FR 1257682 A 20120808
- FR 2013051871 W 20130801

Abstract (en)

[origin: WO2014023900A1] A device (1) for heating at least one component (21), the device (1) comprising: - a pipe (2) capable of conveying a reaction fluid, - a reactor (3) capable of receiving a reagent likely to cause an exothermic reaction with the reaction fluid, the reactor (3) comprising at least one inlet for reaction fluid linked to the pipe (2) and at least one outlet for reaction fluid linked to the pipe (2), and - a circuit (10) for regenerating the reagent, the device comprising a generator (4) configured to generate a pressure lower than that inside the reactor (3) in an area of the pipe (4).

IPC 8 full level

**C09K 5/16** (2006.01); **F01N 5/02** (2006.01); **F01P 11/20** (2006.01); **F02N 19/10** (2010.01); **F24V 30/00** (2018.01); **F25B 27/02** (2006.01); **F28D 20/00** (2006.01)

CPC (source: EP US)

**C09K 5/16** (2013.01 - EP US); **F01P 11/20** (2013.01 - EP US); **F02N 19/02** (2013.01 - US); **F02N 19/10** (2013.01 - EP US); **F28D 20/003** (2013.01 - EP US); **F01P 2037/02** (2013.01 - EP US); **F01P 2060/16** (2013.01 - EP US); **Y02E 60/14** (2013.01 - EP US)

Citation (search report)

See references of WO 2014023900A1

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Designated extension state (EPC)

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