

Title (en)
Rotor device for a fuel heater with an air exhaust arranged coaxially in an air supply line

Title (de)
Rotorvorrichtung für eine Brennstoffheizung mit einer koaxial in einer Zuluftleitung angeordneten Abluftleitung

Title (fr)
Dispositif de rotor pour un chauffage à combustible comprenant une conduite d'extraction d'air disposée de manière coaxiale dans une conduite d'admission d'air

Publication
EP 2743583 A3 20180110 (DE)

Application
EP 13195477 A 20131203

Priority
DE 102012024251 A 20121212

Abstract (en)
[origin: EP2743583A2] The rotor device (1) has a rotor hub (3) which is arranged coaxially to a rotor axis (A), and a rotor blade (4) with an adjustment direction (R1), an upstream side (S1) and a downstream side (S2), where the rotor blade is radially arranged around the rotor hub. A rotor rim (5) is provided for enclosing the former rotor blade in a radial manner. Another rotor blade (6) is arranged around the rotor rim in a radial manner. Another adjustment direction (R2) of the latter rotor blade is opposite to the former adjustment direction. Independent claims are included for the following: (1) a ventilation device with a cylindrical section; and (2) a fuel heater with a combustion chamber.

IPC 8 full level
F23L 5/02 (2006.01); **F23L 17/00** (2006.01); **F23L 17/04** (2006.01)

CPC (source: EP)
F23L 5/02 (2013.01); **F23L 17/005** (2013.01); **F23L 17/04** (2013.01)

Citation (search report)

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- [X] US 1168951 A 19160118 - MANDEL JACOB [US]
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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

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