

Title (en)
Burner with catalytic combustion.

Title (de)
Brenner mit katalytischer Verbrennung.

Title (fr)
Brûleur à combustion catalytique.

Publication
EP 0277875 A1 19880810 (FR)

Application
EP 88400195 A 19880128

Priority
FR 8701296 A 19870129

Abstract (en)
1. Catalytic combustion device comprising a flask (1) containing a combustible liquid (2) a wick (4) plunging into the liquid and a burner (3) made from a porous material impregnated with a catalyst and to which the wick (4) is fixed, characterized in that the burner (3) comprises, at its lower part, an axial cavity (7) in which the wick (4) is engaged and, at its upper part, an annular cavity (6) whose outwardly turned wall (3a) has received the catalyst.

Abstract (fr)
Brûleur à combustion catalytique en matière poreuse. Ce brûleur comprend, à sa partie inférieure, une cavité axiale (7) dans laquelle peut être engagée la mèche (4) destinée à amener le combustible au brûleur et, à sa partie supérieure, une cavité annulaire (6) dont la paroi (3a) tournée vers l'extérieur a reçu un catalyseur.

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IPC 8 full level
F23D 3/08 (2006.01)

CPC (source: EP)
F23D 3/08 (2013.01); **F23D 2900/03081** (2013.01)

Citation (search report)
• [A] FR 2215864 A5 19740823 - PEPRO [FR]
• [A] FR 2162772 A5 19730720 - PEPRO
• [A] FR 2166653 A5 19730817 - PEPRO

Cited by
FR2770282A1; FR2905164A1; KR100727624B1; US11619381B2; CN109855098A; EP1491819A1; FR2856776A1; US2008090188A1; US5840246A; US9279583B2; EP1491818A1; FR2856775A1; SG126733A1; KR100717614B1; FR2779509A1; SG90160A1; US6537061B1; CN1311189C; CN110192065A; US7241136B2; US9974879B2; WO2011036408A1; US7137811B2; WO9963267A1; WO2008023111A1

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