

Title (en)
COMBUSTION WICK OF LIQUID FUEL COMBUSTOR

Title (de)
DOCHT FÜR EINE MIT FLÜSSIGEM BRENNSTOFF BETRIEBENE VERBRENNUNGSVORRICHTUNG

Title (fr)
MECHE DE COMBUSTION D'UNE CHAMBRE DE COMBUSTION DE COMBUSTIBLE LIQUIDE

Publication
EP 0978686 B1 20040407 (EN)

Application
EP 99900677 A 19990126

Priority
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• JP 7024798 A 19980319

Abstract (en)
[origin: EP0978686A1] As regards drawing up liquid fuel by a wick and burning it at the tip, in order to match the flame to the needs of the burner by making it thin and long, the wick (6) for drawing up liquid fuel by a draw-up section (62) utilizing capillarity and burning it at a tip flame-producing section (61) is constituted of a porous material and at least a side surface not including the upper end surface (6a) of the flame-producing section (61) is provided with a skin layer (8) for suppressing volatilization of the liquid fuel. <IMAGE>

IPC 1-7
F23D 3/08; **F23D 3/40**; **F23Q 2/44**

IPC 8 full level
F23D 3/02 (2006.01); **F21V 37/00** (2006.01); **F23D 3/08** (2006.01); **F23D 3/18** (2006.01); **F23D 3/40** (2006.01); **F23Q 2/44** (2006.01)

CPC (source: EP KR)
F21V 37/002 (2013.01 - EP); **F23D 3/08** (2013.01 - EP KR); **F23D 3/18** (2013.01 - EP); **F23D 3/40** (2013.01 - EP); **F23Q 2/44** (2013.01 - EP)

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