

Title (en)
BURNER FOR LIQUID FUELS, ESPECIALLY FUELS CONTAINING SOLID PARTICLES

Publication
EP 0172303 B1 19880518 (DE)

Application
EP 85101685 A 19850215

Priority
DE 3426488 A 19840718

Abstract (en)
[origin: EP0172303A1] 1. Burner for liquid fuels containing preferentially solid matter, with a nozzle head which comprises a mixing space into which a fuel duct (3) and a pulverizing fluid duct (4) enter where each flow lane shows a narrowest cross-section limiting the flow volume and where outlet bores (15) are provided downstream of the mixing space, characterized by an admission section (12) downstream of the pre-mixing space (11) type mixing space which shows the narrowest cross-section for joint feeding of the fuel and pulverizing fluid and which is jointly passed by the fuel and the pulverizing fluid so that the pulverizing fluid is led alongside the wall of the admission section (12).

IPC 1-7
F23D 11/40

IPC 8 full level
F23D 1/00 (2006.01); **F23D 11/10** (2006.01); **F23D 11/40** (2006.01)

CPC (source: EP)
F23D 1/005 (2013.01); **F23D 11/102** (2013.01)

Cited by
EP0565814A3; EP0299757A3; JPS6434459A

Designated contracting state (EPC)
AT CH DE IT LI SE

DOCDB simple family (publication)
EP 0172303 A1 19860226; **EP 0172303 B1 19880518**; AT E34446 T1 19880615; DE 3426488 A1 19860130; DE 3562818 D1 19880623

DOCDB simple family (application)
EP 85101685 A 19850215; AT 85101685 T 19850215; DE 3426488 A 19840718; DE 3562818 T 19850215