

Title (en)
COMBUSTION DEVICE

Publication
EP 0058306 A3 19830126 (DE)

Application
EP 82100378 A 19820120

Priority
DE 3105099 A 19810212

Abstract (en)
[origin: EP0058306A2] A combustion device, intended especially for wood waste, which makes it possible to ensure an optimum and residue-free combustion without expensive control devices. For this purpose, a fuel receiving chamber is provided in the form of a container which has a wall at least essentially perforated over the entire surface and is of tapered construction in its base region. The combustion air is fed against the flame propagation direction via a cavity chamber which surrounds the container on all sides and is bounded radially inside by the container wall. The flue gases are fed in a flue surrounding the cavity chamber to an outlet and the device for igniting the fuel stock is disposed in the region of the tapered lower end of the container. <IMAGE>

IPC 1-7
F23B 1/36; **F24H 1/24**

IPC 8 full level
F23G 7/10 (2006.01); **F24H 1/24** (2006.01)

CPC (source: EP)
F23B 1/36 (2013.01); **F23B 7/005** (2013.01); **F23G 7/105** (2013.01); **F24H 1/24** (2013.01)

Citation (search report)
• [X] DE 86131 C
• [A] DE 1947612 A1 19700423 - MUSTADS FABRIKKER AS
• [A] DE 1063313 B 19590813 - MUELLER WILHELM
• [A] DE 840910 C
• [A] DE 195323 C
• [A] US 3961587 A 19760608 - OZAWA TAKAHISA
• [A] DE 2638105 A1 19780223 - ENERTHERM INC
• [A] US 3862608 A 19750128 - LAGEN WILLIAM S
• [A] CH 423158 A 19661031 - LEO KISTLER JUD ZENTRALHEIZUNG [CH]

Cited by
EP2975322A1; FR2743869A1; GB2498950A; EP0205993A3; WO2014162159A1; US11820116B2

Designated contracting state (EPC)
AT BE CH FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0058306 A2 19820825; **EP 0058306 A3 19830126**; DE 3105099 A1 19820909

DOCDB simple family (application)
EP 82100378 A 19820120; DE 3105099 A 19810212