

Title (en)

DEVICE FOR THE COMBUSTION OF MATERIALS CONTAINING LOW-COMBUSTIBILITY INGREDIENTS

Publication

EP 0033356 B1 19830907 (DE)

Application

EP 80105108 A 19800828

Priority

DE 3003245 A 19800130

Abstract (en)

[origin: US4377119A] An arrangement for the burning of materials having components that are difficult to burn out and which tend to be adhesive upon heating. A turbulent layer is formed and connected with a combustion chamber for burning the materials. Combustion air is distributed to the turbulent layer and the combustion chamber for removing a portion of heat that is released, so that the combustion chamber retains a minimum temperature above a predetermined level. A contact chamber is connected to the turbulent layer and communicates with the combustion chamber. A constricting collar is provided with nozzles for applying combustion air.

IPC 1-7

F23G 5/00; **F23G 7/00**

IPC 8 full level

F23G 5/30 (2006.01); **F23G 7/12** (2006.01)

CPC (source: EP US)

F23G 5/30 (2013.01 - EP US); **F23G 7/12** (2013.01 - EP US)

Citation (examination)

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- US 4023508 A 19770517 - CANTRELL JR CLIFFORD J, et al
- FR 2296144 A1 19760723 - BEAUMOND JEAN [GB]
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Designated contracting state (EPC)

BE FR GB IT NL

DOCDB simple family (publication)

EP 0033356 A1 19810812; **EP 0033356 B1 19830907**; DE 3003245 A1 19811112; US 4377119 A 19830322

DOCDB simple family (application)

EP 80105108 A 19800828; DE 3003245 A 19800130; US 19511480 A 19801008