

Title (en)
HAIR-CURLING APPARATUS

Publication
EP 0060417 B1 19870701 (DE)

Application
EP 82101467 A 19820226

Priority
DE 3109353 A 19810312

Abstract (en)
[origin: US4416298A] A hair curler for rolling up the hair having a cylindrical rod body containing a catalytic heating device. The rod body is permanently affixed on a handle which is designed as a fuel tank. A thermostatically controlled valve device, between the fuel tank and the rod body, regulates the fuel supply from the fuel tank to the catalytic heating device. An opening allows air to enter the chamber which contains the catalyst. An ignition device is situated at the free end of the cylindrical rod body. The ignition device is activated by means of an operating key which closes an electrical circuit, to heat an incandescent filament, and thus to initiate catalytic combustion at the catalyst. A chamber is situated between the battery and the combustion chamber. This chamber is flushed through by ambient air and inhibits heat flow. The electrical conductors of the ignition device are conducted through this chamber.

IPC 1-7
A45D 1/04; **A45D 2/36**

IPC 8 full level
A45D 1/02 (2006.01); **A45D 1/04** (2006.01); **A45D 2/36** (2006.01)

CPC (source: EP US)
A45D 1/02 (2013.01 - EP US); **A45D 2/36** (2013.01 - EP US)

Citation (examination)
EP 0030257 A1 19810617 - BRAUN AG [DE]

Cited by
EP0141861A4

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

DOCDB simple family (publication)
EP 0060417 A2 19820922; **EP 0060417 A3 19850703**; **EP 0060417 B1 19870701**; CA 1178159 A 19841120; DE 3109353 A1 19820923; DE 3276654 D1 19870806; US 4416298 A 19831122

DOCDB simple family (application)
EP 82101467 A 19820226; CA 398180 A 19820311; DE 3109353 A 19810312; DE 3276654 T 19820226; US 35656682 A 19820309