

Title (en)

CONTROL DEVICE FOR AN OIL BURNER WITH AN OIL PREHEATING DEVICE

Publication

EP 0029102 B1 19830511 (DE)

Application

EP 80105839 A 19800926

Priority

CH 1022679 A 19791115

Abstract (en)

[origin: EP0029102A1] 1. A control device for an oil burner comprising an oil preheater, which has at least one heating element thermally coupled to the oil, and comprising a switch means which is influenced by the temperature of the oil and which permits operation of the burner only within a given range in respect of the oil temperature, characterized in that an electronic circuit (7) which influences the switch means (18) in dependence on the oil temperature simultaneously serves for monitoring the actual condition in comparison with the reference condition of the switch means (18) which is disposed in the starting circuit of the oil burner, and, together with the switch means (18), is a component of an automatic firing apparatus (1) which is in any case required for operation of the oil burner.

IPC 1-7

F23K 5/00; **F23N 5/24**

IPC 8 full level

F23K 5/20 (2006.01); **F23N 5/24** (2006.01)

CPC (source: EP)

F23K 5/20 (2013.01); **F23N 5/242** (2013.01); **F23N 2221/04** (2020.01); **F23N 2227/12** (2020.01)

Cited by

EP1008807A1; WO2006060980A1

Designated contracting state (EPC)

DE FR GB SE

DOCDB simple family (publication)

EP 0029102 A1 19810527; **EP 0029102 B1 19830511**; DE 3063162 D1 19830616

DOCDB simple family (application)

EP 80105839 A 19800926; DE 3063162 T 19800926