

Title (en)
BOILER DRAUGHT REGULATOR

Publication
EP 0079024 B1 19860507 (DE)

Application
EP 82110078 A 19821102

Priority
• DE 3143853 A 19811105
• DE 3204179 A 19820206

Abstract (en)
[origin: US4452184A] In order to protect a boiler against overheating a boiler draft control device comprises a safety thermostat in addition to the regular control thermostat. The control thermostat is provided with a supporting tube in order to limit its length reduction in the event of its failure. The safety thermostat is designed in such a manner that its working element only provides a displacement when the control range of the control thermostat is exceeded. Furthermore the safety thermostat has a very steep displacement/temperature characteristic and its maximum stroke is equal or greater than the stroke being given by an operable control thermostat over its total control range. A latch means is provided to prevent that an air inlet flap closed according to the response of the safety thermostat may be opened again with the cooling down of the boiler.

IPC 1-7
F23N 3/04

IPC 8 full level
F23N 3/04 (2006.01)

CPC (source: EP US)
F23N 3/047 (2013.01 - EP US)

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

DOCDB simple family (publication)
EP 0079024 A1 19830518; EP 0079024 B1 19860507; CA 1198946 A 19860107; DE 3271041 D1 19860612; DK 493582 A 19830506;
US 4452184 A 19840605

DOCDB simple family (application)
EP 82110078 A 19821102; CA 414944 A 19821104; DE 3271041 T 19821102; DK 493582 A 19821105; US 43771282 A 19821029