

Title (en)

CONTROL DEVICE FOR THE MOVEMENT OF A FRESH-AIR DAMPER IN A HEATING BOILER

Publication

EP 0076911 B1 19860507 (DE)

Application

EP 82107619 A 19820820

Priority

- AT 376281 A 19810831
- DE 3201900 A 19820122
- DE 3224629 A 19820701

Abstract (en)

[origin: EP0076911A1] 1. Control device for the movement of a fresh-air damper in a heating boiler, said damper being adjustable in response to the temperature inside the heating boiler by means of an actuating member of a temperature sensor designed as a heating controller and adapted to be moved into closing position when the temperature in the heating boiler drops below a predeterminable value, characterized in that a swivel arm (7, 9, 111) is connected to said fresh-air damper (3, 102), the position of said swivel arm with reference to said actuating member (5, 108) of said heating controller (1, 106) being lockable so that said swivel arm (7, 9, 111) follows the movement of said actuating member (5, 108) depending on the temperature inside the heating boiler, and that, in addition, a device (11, 117) for releasing the locking device is provided to disengage the coupling between said actuating member (5, 108) and said swivel arm (7, 9, 111) upon reaching the predeterminable temperature in the heating boiler, so that, in response to a swivelling movement of said swivel arm (7, 9, 111) with reference to said actuating member (5, 108), said fresh-air damper (3, 102) is moved into closing position, preferably on account of its own weight.

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IPC 8 full level

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Cited by

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