

Title (en)

METHOD OF INHIBITING A FIRE PROPAGATION IN A SOLID FUEL FEED DUCT FROM A COMBUSTION FURNACE, AND FURNACE FOR CARRYING OUT SAID METHOD

Publication

**EP 0050232 B1 19840502 (DE)**

Application

**EP 81107552 A 19810923**

Priority

CH 776080 A 19801017

Abstract (en)

[origin: US4385569A] The furnace has a feeding channel (4) through which firewood is transported into a fire chamber (3). A steam pipe (10) leads into the channel (4). Through said pipe (10), steam is introduced into the solid fuel material in bursts as soon as a certain temperature is exceeded within the said channel (4). The steam increases the humidity in the air and the moisture of the firewood, thereby reliably preventing a spreading of the fire within the feeding channel (4), without simultaneously impairing combustion within the fire chamber (3).

IPC 1-7

**F23K 3/00**; **F23M 11/00**

IPC 8 full level

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CPC (source: EP US)

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