

Title (en)  
HEATING GAS DRAFT TUBE

Publication  
**EP 0387584 A3 19910313 (DE)**

Application  
**EP 90103715 A 19900226**

Priority  
DE 8903022 U 19890311

Abstract (en)  
[origin: EP0387584A2] The heating gas draft tube is intended in particular for low- temperature heating boilers, in which a number of heating gas draft tubes are arranged running from a combustion or inflow or deflection chamber, extending through the water-bearing inner space of the boiler housing essentially horizontally, to a smoke gas collecting chamber. Each heating gas draft tube (I) is in this connection formed from two tubes (1, 2) arranged inside one another, the outer tube (1) at least in the takeoff-side half pressing tightly in a heat-conducting manner in part regions against the inner tube and the inner tube (2) being provided with longitudinal ribs (6). According to the invention, the heating gas draft tube (I) is designed in such a manner that, in the takeoff-side region (3) between the outer tube (1) and the inner tube (2), a metal sleeve (4) is arranged pressed into both tubes (1, 2) in a heat-conducting manner, the wall thickness (W) of the sleeve (4) being designed to be thinner than that of the two tubes (1, 2).  
<IMAGE>

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**F24H 9/00**

IPC 8 full level  
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CPC (source: EP)  
**F24H 1/263** (2013.01); **F24H 9/0036** (2013.01)

Citation (search report)  
• [YD] DE 8531100 U1 19871029  
• [Y] DE 337324 C 19210530 - HUGO JUNKERS  
• [A] DE 3205119 A1 19830825 - VIESSMANN HANS

Cited by  
EP1008819A3; EP1008819A2

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AT BE CH DE ES FR GB IT LI NL

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**EP 0387584 A2 19900919; EP 0387584 A3 19910313; EP 0387584 B1 19921202**; AT E83062 T1 19921215; DE 59000520 D1 19930114; DE 8903022 U1 19900719; ES 2036853 T3 19930601

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