

Title (en)
CHIMNEY CONNECTION FOR A FLUE GAS PIPE

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EP 0183090 B1 19880810 (DE)

Application
EP 85114003 A 19851104

Priority
• DE 3440375 A 19841105
• DE 8435025 U 19841129

Abstract (en)
[origin: EP0183090A1] 1. Chimney connection for a flue gas pipe (6), having a bellow expansion joint (7) (extension compensating member), one end of which is attached to the flue gas pipe and the other, chimney-side end has a radially projecting flange (8), which is pressed on with its front face (10) in a sealing manner by means of clamping parts (12) engaging on its rear surface, the chimney part which surrounds the lateral inlet (1) of the chimney and comprises brickwork or lining bricks (2) being designed with an essentially even surface (3), characterized in that the chimney-side flange (8) of the bellow expansion joint (7) has a circumferential bead (9 - 9'') projecting from its front face (10), in that a circumferential groove (4 - 4'') which is shaped essentially complimentary to the bead (9 - 9'') is formed in the even surface (3) of the chimney part while maintaining an interval from the inlet (1) and in that the flange (8) rests against the brickwork or the lining bricks (2) only via an interposed layer (11) of elastomeric material and is pressed on by bolt connections (15) which are arranged radially beyond the flange (8) and are held in the brickwork or the lining bricks (2) and by the clamping parts (12) which cover the region of the bead (9 - 9''), the bead (9 - 9'') projecting into the groove (4 - 4'') and the layer (11) being adhesively connected both with the brickwork or the lining bricks (2) and with the groove (4 - 4'') and also with the front face (10) of the flange (8) and the bead (9 - 9'').

IPC 1-7
F23J 13/04

IPC 8 full level
F23J 13/04 (2006.01)

CPC (source: EP)
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