

Title (en)  
FLOW-GUIDING INTERNAL PROVISIONS FOR COLD GASES IN HIGH-TEMPERATURE REACTORS

Publication  
**EP 0205973 B1 19890208 (DE)**

Application  
**EP 86107264 A 19860528**

Priority  
DE 3519038 A 19850528

Abstract (en)  
[origin: US4694893A] A unit for guiding the flow of cold gas from the annular chamber that is disposed between the pressure tank wall and the steam generator wall to the circulation fan of a steam generator of a high-temperature reactor, with hot gas being adapted to be supplied to the steam generator wall via a hot gas guide mechanism. The cold gas flows into a riser through a plurality of cold gas channels that pass through the upper end of compensating tube bundles that are associated with the steam generator wall. From the riser, the cold gas is supplied to the circulation fan, with the riser being disposed in that portion of the hot gas guide mechanism that extends parallel to the central axis of the pressure tank.

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**F22B 1/18**

IPC 8 full level  
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