

Title (en)  
STOVE FOR SOLID FUEL

Publication  
**EP 0254321 A3 19890208 (DE)**

Application  
**EP 87110732 A 19870724**

Priority  
DE 3625151 A 19860725

Abstract (en)  
[origin: EP0254321A2] A stove with air or water cooling, in particular a single-unit stove, tiled stove, tiled-floor stove, stack or heating boiler, heating tiled stove or heating stack, has for the burning of solid fuels a grating which is cooled or circulation-cooled and off-gas flues, which connect the ash cave to an off-gas collector in the upper part of the stove. The off gases are introduced through the chimney flue, with or without an off-gas extraction fan, through the glow bed into the ash cave and from the latter through the off-gas flues and the off-gas collector into the chimney. The sidewalls of the combustion chamber are provided with a lining of high-temperature-resistant material of low heat conductivity, preferably also great heat retention. In the lining there are channels, forming the off-gas flues, for secondary combustion and removal of the off gases from the ash cave into the off-gas collector. <IMAGE>

IPC 1-7  
**F24B 5/04**; **F24B 5/02**; **F23B 7/00**

IPC 8 full level  
**F23M 5/00** (2006.01); **F24B 1/00** (2006.01); **F24B 1/04** (2006.01); **F24B 1/185** (2006.01); **F24B 5/02** (2006.01); **F24B 5/04** (2006.01); **F24B 7/04** (2006.01)

CPC (source: EP)  
**F23B 7/005** (2013.01); **F24B 5/02** (2013.01); **F24B 5/04** (2013.01)

Citation (search report)

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