

Title (en)  
UNDER FLOOR HEATING

Publication  
**EP 0255039 B1 19910403 (DE)**

Application  
**EP 87110655 A 19870723**

Priority  
DE 3625851 A 19860731

Abstract (en)  
[origin: EP0255039A2] A cavity floor comprises the underfloor (10), covered by a heat insulating layer (11), on which the upper floor (12) rests with supporting feet (13). Provided in the heat insulating layer (11) are channels (17), in which there are hot air ducts (18). The hot air fed in flows through the hot air duct (18) into a distributing space and from there into the cavity floor (16), which is arranged on a different level than the hot air ducts (18). The cross-section of the hot air ducts (18) is independent of the height of the supporting feet (13). The supporting feet (13) can be of a small height, thereby increasing the air velocity in the floor cavity (16) and improving heat transfer. <IMAGE>

IPC 1-7  
**F24D 5/00**

IPC 8 full level  
**F24D 5/00** (2006.01); **F24D 5/10** (2006.01)

CPC (source: EP)  
**F24D 5/00** (2013.01); **F24D 5/10** (2013.01)

Cited by  
DE102010048939A1; DE4433664A1; EP0543129A1; WO9911982A1; WO9107557A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI LU NL SE

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**EP 0255039 A2 19880203; EP 0255039 A3 19880817; EP 0255039 B1 19910403**; AT E62337 T1 19910415; DE 3625851 C1 19880121; DE 3769029 D1 19910508

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