

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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