

Title (en)

METHOD AND ARRANGEMENT TO HEAT A FLOOR BY USING AN AIRBORNE FLOOR HEATING SYSTEM AND TO ASSURE THAT MOISTURE THAT MAY EXIST WILL BE REMOVED FROM THE HEAT CARRYING AIR

Title (de)

BODENHEIZUNG

Title (fr)

PROCEDE ET ARRANGEMENT DE CHAUFFAGE DE PLANCHER A L'AIDE D'UN SYSTEME DE CHAUFFAGE DE PLANCHER PAR AIR AVEC ELIMINATION D'HUMIDITE PRESENTE DANS L'AIR DE CHAUFFAGE

Publication

**EP 1163477 A1 20011219 (EN)**

Application

**EP 99965709 A 19991231**

Priority

- SE 9902507 W 19991231
- SE 9804619 A 19981231

Abstract (en)

[origin: WO0040903A1] The present invention relates to a method and an arrangement to heat a floor by using an airborne floor heating system and to assure that moisture that may exist will be removed from the heat carrying air. The method according to the invention is characterised in that air being circulated by one or several fan/convector units in a channel system, preferably of the type of parallel flow, in close connection to the upper side of the floor, that heat is transferred to the circulating air through a heating battery, and that moisture in the air, if any, is condensed by letting the air pass a cooling element in the channel system.

IPC 1-7

**F24D 5/10**; **E04B 1/70**

IPC 8 full level

**E04B 1/70** (2006.01); **F24D 5/10** (2006.01)

CPC (source: EP)

**E04B 1/7092** (2013.01); **F24D 5/10** (2013.01)

Citation (search report)

See references of WO 0040903A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 0040903 A1 20000713**; AU 2139300 A 20000724; EP 1163477 A1 20011219; SE 9804619 D0 19981231

DOCDB simple family (application)

**SE 9902507 W 19991231**; AU 2139300 A 19991231; EP 99965709 A 19991231; SE 9804619 A 19981231