

Title (en)

METHOD AND APPARATUS FOR EXTRACTING MOISTURE AND/OR MOLD FROM A STRUCTURE OF A BUILDING

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ENTFERNEN VON FEUCHTIGKEIT UND/ODER SCHIMMEL AUS EINER GEBÄUDEKONSTRUKTION

Title (fr)

PROCEDE ET APPAREIL PERMETTANT D'EXTRAIRE L'HUMIDITE ET/OU LA MOISSURE DE LA STRUCTURE D'UN BATIMENT

Publication

EP 0979378 B2 20070822 (EN)

Application

EP 98913778 A 19980408

Priority

- FI 9800311 W 19980408
- FI 971482 A 19970409

Abstract (en)

[origin: WO9845653A1] Procedure for removing moisture and/or mould from a structure in a building, e.g. from a floor, wall or equivalent, in which procedure air is circulated in the vicinity of the structure to be dried and/or the structure is heated by applying periodic phases of heating and cooling to it. The structure is heated through its essential thickness using an infrared radiator (2) to a raised temperature sufficient to remove moisture and possible mould, and the surface of the structure is cooled via continuous air flushing so that the surface temperature of the structure becomes lower than its inside temperature raised by heating, with the result that the moisture in the warm structure tends to drift towards the cooler surface and is removed from the surface by the air flushing.

IPC 8 full level

F26B 3/30 (2006.01); **E04B 1/70** (2006.01); **F26B 3/28** (2006.01)

CPC (source: EP)

E04B 1/70 (2013.01); **F26B 3/283** (2013.01)

Citation (opposition)

Opponent :

D. Björkholtz, "Rakennuksen kuivattaminen", pages 60-62, Rakentajain Kustannus 1990

Cited by

DE102013007108A1; EP3184923A1; EP1688690A3; DE202013000985U1; US8490293B2; WO2016142347A3; DE102015122377A1

Designated contracting state (EPC)

DE DK FI FR GB IT NL SE

Designated extension state (EPC)

LT LV

DOCDB simple family (publication)

WO 9845653 A1 19981015; AU 6834698 A 19981030; DE 69806000 D1 20020718; DE 69806000 T2 20030102; DE 69806000 T3 20080403; DK 0979378 T3 20020916; DK 0979378 T4 20080107; EP 0979378 A1 20000216; EP 0979378 B1 20020612; EP 0979378 B2 20070822; FI 105950 B 20001031; FI 971482 A0 19970409; FI 971482 A 19981010; NO 326062 B1 20080908; NO 994944 D0 19991011; NO 994944 L 19991011

DOCDB simple family (application)

FI 9800311 W 19980408; AU 6834698 A 19980408; DE 69806000 T 19980408; DK 98913778 T 19980408; EP 98913778 A 19980408; FI 971482 A 19970409; NO 994944 A 19991011