

Title (en)
A VAPOUR CONTROLLING INSULATION STRUCTURE FOR A FLAT OR LOW SLOPE WARM ROOF AND METHOD FOR INSTALLING THE SAME

Title (de)
DAMPFKONTROLLIERENDE ISOLIERUNGSSTRUKTUR FÜR EIN FLACHES ODER SCHWACH ANSTEIGENDES WARMDACH UND VERFAHREN ZUR INSTALLATION DAVON

Title (fr)
STRUCTURE D'ISOLATION À CONTRÔLE DE VAPEUR D'UN TOIT PLAT OU CHAUD À FAIBLE PENTE ET SON PROCÉDÉ D'INSTALLATION

Publication
EP 3978703 A1 20220406 (EN)

Application
EP 21199733 A 20210929

Priority
DK PA202070666 A 20200930

Abstract (en)
A vapour controlling insulation structure (1) for a flat or low slope warm roof with a load supporting structure (2), comprises a first insulation layer (3), a vapour controlling membrane (4), and a second insulation layer (5), whereby said vapour controlling membrane (4) is situated between the first insulation layer (3) and second insulation layer (5), and the second insulation layer (5) has a top surface (6) for mounting of a roofing membrane. The first insulation layer (3) has a thickness (t) and is constituted by one or more insulation boards (8), and said second insulation layer (5) is constituted by two stacked sub-layers (9) both with substantially the same thickness (t) as the first insulation layer (3).

IPC 8 full level
E04D 13/16 (2006.01); **E04D 11/02** (2006.01)

CPC (source: DK EP)
E04B 1/80 (2013.01 - DK); **E04B 7/20** (2013.01 - DK); **E04B 7/22** (2013.01 - DK); **E04B 7/225** (2013.01 - DK); **E04D 3/35** (2013.01 - DK); **E04D 3/354** (2013.01 - DK); **E04D 11/02** (2013.01 - EP); **E04D 13/16** (2013.01 - DK); **E04D 13/1606** (2013.01 - DK); **E04D 13/1643** (2013.01 - EP)

Citation (applicant)
• WO 02099220 A1 20021212 - ROCKWOOL MINERALWOLLE [DE], et al
• EP 2860132 A1 20150415 - ROCKWOOL INT [DK]
• WO 2020164900 A1 20200820 - ROCKWOOL INT [DK], et al

Citation (search report)
• [A] US 4719723 A 19880119 - VAN WAGONER JOHN D [US]
• [A] EP 2316641 A1 20110504 - PRADZYNSKI ANDRZEJ [PL], et al
• [A] WO 2011144819 A1 20111124 - SAINT GOBAIN RAKENNUSTUOTTEET OY [FI], et al
• [A] US 4937990 A 19900703 - PAQUETTE JEAN-PAUL [CA]
• [A] CN 107023126 A 20170808 - GAO ZHIBIN, et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3978703 A1 20220406; **EP 3978703 B1 20230920**; DK 181178 B1 20230328; DK 202070666 A1 20220401; DK 3978703 T3 20231218; FI 3978703 T3 20231213

DOCDB simple family (application)
EP 21199733 A 20210929; DK 21199733 T 20210929; DK PA202070666 A 20200930; FI 21199733 T 20210929