

Title (en)
IMPROVED PLASTER

Title (de)
VERBESSERTES PFLASTER

Title (fr)
PLÂTRE AMÉLIORÉ

Publication
EP 4267064 A1 20231101 (DE)

Application
EP 21840153 A 20211222

Priority
• DE 102020134781 A 20201222
• IB 2021062207 W 20211222

Abstract (en)
[origin: WO2022137177A1] The method for producing a plaster comprises the following steps: (1) providing a substrate material; (2) coating an underside of the substrate material with a suitable non-UV-curing acrylate adhesive, which is used here in the form of a solution of a polyacrylate in an organic solvent or solvent mixture, wherein the solvent or solvent mixture is used in an amount of 25 to 70 wt.%; (3) fabricating the plaster; (4) producing a grid structure on the plaster such that this comprises a plurality of crossing strips. According to the invention, the adhesive is applied at a temperature of 90°C to 120°C over a time of 5 s to 60 s, and the plaster is activated, before and/or after the adhesive is applied, by repeated irradiation of the underside using ultraviolet light.

IPC 8 full level
A61F 13/02 (2006.01)

CPC (source: EP KR US)
A61F 13/0246 (2013.01 - EP); **A61F 13/0253** (2013.01 - EP KR); **A61F 13/0289** (2013.01 - EP KR); **A61K 9/7061** (2013.01 - US);
A61K 41/00 (2013.01 - US); **A61K 47/34** (2013.01 - US); **A61K 47/38** (2013.01 - US); **A61K 47/42** (2013.01 - US);
A61F 2013/0051 (2013.01 - EP KR); **A61F 2013/00548** (2013.01 - EP KR); **A61F 2013/00663** (2013.01 - EP KR)

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022137177 A1 20220630; AU 2021405412 A1 20230706; CN 116669673 A 20230829; DE 102020134781 A1 20220623;
DE 102020134781 B4 20230105; EP 4267064 A1 20231101; KR 20230121116 A 20230817; US 2024050380 A1 20240215

DOCDB simple family (application)
IB 2021062207 W 20211222; AU 2021405412 A 20211222; CN 202180086991 A 20211222; DE 102020134781 A 20201222;
EP 21840153 A 20211222; KR 20237023850 A 20211222; US 202118258297 A 20211222