

Title (en)
CURING WATER-BASED PAINT FILMS

Title (de)
HÄRTUNG VON ANSTRICHFILMEN AUF WASSERBASIS

Title (fr)
DURCISSEMENT DE FILMS DE PEINTURE À BASE AQUEUSE

Publication
EP 3381574 A1 20181003 (EN)

Application
EP 17164161 A 20170331

Priority
EP 17164161 A 20170331

Abstract (en)
A technique of curing a target film (6), comprising: controlling the operation of one or more of: (i) one or more first radiation sources (10) for primarily heating the target film within a chamber (2), (ii) one or more second radiation sources (11) for primarily evaporating water from the target film, and (iii) one or more extraction devices (14) for extracting water vapour from the chamber, at least partly on the basis of one or more indicators (12) of the concentration of water vapour at one or more locations within the chamber.

IPC 8 full level
B05D 3/02 (2006.01); **B05D 3/04** (2006.01)

CPC (source: EP)
B05D 3/0209 (2013.01); **B05D 3/0263** (2013.01); **F26B 3/30** (2013.01); **B05D 3/0486** (2013.01); **B05D 2401/20** (2013.01)

Citation (applicant)
US 2002034594 A1 20020321 - SHIVELEY JAMES THOMAS [US]

Citation (search report)
• [XAI] WO 9831474 A1 19980723 - OPTIMUM AIR CORP [US]
• [XAI] CN 102806184 A 20121205 - ZHANGJIAGANG JIALONG VACUUM IMPREGNATION EQUIPMENT MFG PLANT
• [XAI] US 2016282047 A1 20160929 - STAHL GERHARD [DE]
• [XI] US 2014110390 A1 20140424 - WU SHIH-YUAN [TW], et al

Cited by
CN117483161A

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)
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