

Title (en)
METHOD FOR MULTI-LAYER VARNISHING

Title (de)
VERFAHREN ZUR MEHRSCHICHTLACKIERUNG

Title (fr)
PROCEDE POUR L'APPLICATION D'UNE PEINTURE A PLUSIEURS COUCHES

Publication
EP 1152841 B2 20080213 (DE)

Application
EP 99962155 A 19991124

Priority
• DE 19857941 A 19981216
• EP 9909064 W 19991124

Abstract (en)
[origin: WO0035598A1] The invention relates to a method for multi-layer varnishing by applying filler layers and/or additional coating agent layers and by subsequently applying a coating layer of base coat/clear lacquer texture or of a pigmented finishing coat consisting of one layer onto a substrate. At least one of the layers is produced by a coating agent which is at least partially hardenable by means of radiation of high energy. After application of said coating agent, exposure to IR radiation and then to radiation of high energy are carried out.

IPC 8 full level
B05D 3/06 (2006.01); **B05D 1/02** (2006.01); **B05D 1/04** (2006.01); **B05D 3/02** (2006.01); **B05D 5/00** (2006.01); **B05D 7/00** (2006.01); **B05D 7/14** (2006.01); **B05D 7/16** (2006.01); **B05D 7/24** (2006.01); **B05D 7/26** (2006.01)

CPC (source: EP)
B05D 3/0209 (2013.01); **B05D 7/574** (2013.01); **B05D 7/577** (2013.01); **B05D 3/0263** (2013.01); **B05D 3/067** (2013.01); **B05D 7/544** (2013.01)

Citation (opposition)
Opponent :
• DE 19700560 A
• US 4393187 A 19830712 - BOBA JOSEPH, et al
• Encyclopedia of chemical Technology, Kirk-Othner, 3rd Edition, vol.19, pp. 621-622, published 1982

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 0035598 A1 20000622; AT E219392 T1 20020715; CA 2347868 A1 20000622; CA 2347868 C 20090714; DE 19857941 A1 20000621; DE 19857941 C2 20020829; DE 59901829 D1 20020725; DK 1152841 T3 20020729; EP 1152841 A1 20011114; EP 1152841 B1 20020619; EP 1152841 B2 20080213; ES 2176040 T3 20021116; ES 2176040 T5 20080701; JP 2002532234 A 20021002; PT 1152841 E 20021129

DOCDB simple family (application)
EP 9909064 W 19991124; AT 99962155 T 19991124; CA 2347868 A 19991124; DE 19857941 A 19981216; DE 59901829 T 19991124; DK 99962155 T 19991124; EP 99962155 A 19991124; ES 99962155 T 19991124; JP 2000587898 A 19991124; PT 99962155 T 19991124