

Title (en)  
METHOD AND DEVICE FOR PRODUCING A REMOVABLE PROTECTION LAYER FOR SURFACES, ESPECIALLY VARNISHED SURFACES OF MOTOR VEHICLE BODIES

Title (de)  
VERFAHREN UND VORRICHTUNG ZUM HERSTELLEN EINER ABZIEHBAREN SCHUTZSCHICHT FÜR OBERFLÄCHEN, INSbesondere FÜR LACKIERTE OBERFLÄCHEN VON KRAFTFAHRZEUGKAROSSERIEN

Title (fr)  
PROCEDE ET DISPOSITIF DE FABRICATION D'UNE COUCHE PROTECTRICE AMOVIBLE POUR DES SURFACES, EN PARTICULIER DES SURFACES VERNIES DE VEHICULES MOTORISES

Publication  
**EP 1214154 A2 20020619 (DE)**

Application  
**EP 00951295 A 20000624**

Priority  
• DE 19936790 A 19990810  
• EP 0005843 W 20000624

Abstract (en)  
[origin: DE19936790A1] The invention relates to a method for producing a removable protection layer for surfaces, especially varnished surfaces of motor vehicle bodies, according to which a liquid thermosetting coating material is sprayed onto the surface to be protected, by means of a spraying nozzle (2, 4), and a hardened protection layer is then obtained on the surface. According to the invention, a substantially continuous string of coating material from an application nozzle (6) is then applied to the surface to be treated, at the edges of the coating material sprayed onto said surface. The invention also relates to a device for implementing said method, which is characterised in that it comprises at least one application nozzle (6) for applying a coating material in the form of a substantially continuous string on the surface to be treated.

IPC 1-7  
**B05D 1/02**

IPC 8 full level  
**B05D 5/00** (2006.01); **B05B 9/04** (2006.01); **B05B 12/08** (2006.01); **B05B 13/04** (2006.01); **B05C 11/10** (2006.01); **B05D 1/02** (2006.01);  
**B05D 1/32** (2006.01); **B05D 7/14** (2006.01); **B05B 12/00** (2018.01); **B05B 12/02** (2006.01); **B05B 15/02** (2006.01)

CPC (source: EP US)  
**B05B 9/0403** (2013.01 - EP US); **B05B 9/0423** (2013.01 - EP US); **B05B 12/082** (2013.01 - EP US); **B05D 1/325** (2013.01 - EP US);  
**B05B 12/006** (2013.01 - EP US); **B05B 12/02** (2013.01 - EP US); **B05B 15/52** (2018.01 - EP US)

Citation (search report)  
See references of WO 0110570A2

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)  
**DE 19936790 A1 20010215**; AU 6428700 A 20010305; CA 2380752 A1 20010215; DE 50003136 D1 20030904; EP 1214154 A2 20020619;  
EP 1214154 B1 20030730; ES 2199842 T3 20040301; JP 2003506210 A 20030218; US 2004221804 A1 20041111; US 6811807 B1 20041102;  
WO 0110570 A2 20010215; WO 0110570 A3 20010830

DOCDB simple family (application)  
**DE 19936790 A 19990810**; AU 6428700 A 20000624; CA 2380752 A 20000624; DE 50003136 T 20000624; EP 0005843 W 20000624;  
EP 00951295 A 20000624; ES 00951295 T 20000624; JP 2001515072 A 20000624; US 4916502 A 20021001; US 86494004 A 20040610