

Title (en)  
METHOD FOR PREVENTING MISTING WHEN COATING FLEXIBLE SUPPORTS WITH A CROSSLINKABLE LIQUID SILICONE COMPOSITION,  
IN A DEVICE COMPRISING ROLLERS

Title (de)  
VERFAHREN ZUR VERHINDERUNG DER NEBELBILDUNG BEIM BESCHICHTEN VON FLEXIBLEN TRÄGERN MIT EINER VERNETZBAREN  
FLÜSSIGEN SILICONZUSAMMENSETZUNG IN EINER VORRICHTUNG MIT WALZEN

Title (fr)  
PROCEDE DE LUTTE CONTRE L'APPARITION DE BROUILLARD LORS DE L'ENDUCTION DE SUPPORTS FLEXIBLES AVEC UNE  
COMPOSITION SILICONE LIQUIDE RETICULABLE, DANS UN DISPOSITIF A CYLINDRES

Publication  
**EP 1358288 A1 20031105 (FR)**

Application  
**EP 01271417 A 20011214**

Priority  
• FR 0104000 W 20011214  
• FR 0016677 A 20001220

Abstract (en)  
[origin: WO0250202A1] The invention concerns a method for preventing misting when coating flexible supports with at least a liquid silicone (RTV polyaddition) composition precursor of silicone coating(s), with a coating device comprising rollers operating at high speed. The invention aims at increasing misting speed and consequently enhancing the appearance, the mechanical properties of the silicone coating, as well as industrial hygiene. Therefor, it consists in using a liquid coating composition obtained by mixing: a silicone phase comprising one or several POS (A) and optionally one or several (crosslinking) compound(s) (B) having a viscosity  $\eta$  at 25 DEG C ranging between 100 and 800 mPa's; with 1 to 10 wt. % of an anti-misting aqueous silicone (water-in-oil) emulsion having an aqueous phase  $\phi$  comprising at least 20 wt. % of water; and optionally with a water/solvent liquid (D).

IPC 1-7  
**C09D 183/04**; B05B 1/28; B05C 1/08; C09D 7/12

IPC 8 full level  
**B05D 1/28** (2006.01); **B05D 7/24** (2006.01); **C09D 5/02** (2006.01); **C09D 7/12** (2006.01); **C09D 183/04** (2006.01); **C09D 201/00** (2006.01)

CPC (source: EP)  
**C09D 183/04** (2013.01)

Citation (search report)  
See references of WO 0250202A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 0250202 A1 20020627**; AU 1930902 A 20020701; CA 2431814 A1 20020627; EP 1358288 A1 20031105; FR 2818169 A1 20020621; FR 2818169 B1 20030307; JP 2004525201 A 20040819

DOCDB simple family (application)  
**FR 0104000 W 20011214**; AU 1930902 A 20011214; CA 2431814 A 20011214; EP 01271417 A 20011214; FR 0016677 A 20001220; JP 2002552086 A 20011214