

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

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Application

**EP 01271417 A 20011214**

Priority

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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).

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IPC 8 full level

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