

Title (en)

METHOD AND APPARATUS FOR DEGASSING COATING COLOR

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ENTGASEN VON BESCHICHTUNGSFARBE

Title (fr)

PROCÉDÉ ET APPAREIL DE DÉGAZAGE DE COULEUR DE REVÊTEMENT

Publication

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Application

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Abstract (en)

[origin: WO2007077295A1] The invention relates to method and apparatus for improving the degassing of coating color. In the method, coating color is supplied from a coating color storage (1) by supply means (2) to the degassing apparatus (4), inside which are means for separating gas from the coating color. Oscillatory action is applied to the coating color flow to be fed into the degassing apparatus, which causes the gas bubbles to integrate and/or their size to increase in the coating color flow fed into the degassing apparatus.

IPC 8 full level

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Citation (search report)

- [X] JP H11253702 A 19990921 - NIPPON KOKAN KK
- [XI] FR 2819424 A1 20020719 - QUIVIGER FRANCOIS [FR]
- [X] US 4612018 A 19860916 - TSUBOI NORIO [JP], et al
- [X] US 2003116014 A1 20030626 - POSSANZA STEVEN D [US], et al
- [A] US 4070167 A 19780124 - BARBEE EUGENE HARTZELL, et al
- [A] US 2147677 A 19390221 - SMITH EDWARD W
- [A] WO 03000594 A1 20030103 - PROCAV CORP [US], et al
- [A] US 3904392 A 19750909 - VANINGEN JACK A, et al
- [A] US 2005115405 A1 20050602 - YAMADA HITOSHI [JP]
- See also references of WO 2007077295A1

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