

Title (en)

Base paper for silicone release paper preparation, processes for the preparation thereof and for the preparation of silicone release paper.

Title (de)

Trennrohpapier, Verfahren zu dessen Herstellung und zur Herstellung von Silikontrennpapier.

Title (fr)

Papier support destiné à être siliconisé, procédés pour sa préparation et pour la préparation de papier antiadhérent siliconisé.

Publication

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Application

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Priority

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Abstract (en)

[origin: EP0399079A1] A process for superficially modifying release papers by addition of various organosiloxanes or organopolysiloxanes having at least three hydrogen atoms bound to silicon per molecule in proportions of about 5 to 10% (calculated as solid) to conventional surface preparations for release papers is described, whereby a substantial acceleration of crosslinking for the subsequent coating with solvent-containing or solvent-free addition-crosslinking silicone systems is achieved.

IPC 1-7

D21H 19/32; **D21H 19/62**

IPC 8 full level

D21H 19/32 (2006.01); **D21H 19/62** (2006.01); **D21H 27/00** (2006.01)

CPC (source: EP)

D21H 19/32 (2013.01); **D21H 19/62** (2013.01); **D21H 27/001** (2013.01)

Citation (examination)

- F. Hockemeyer, " Die Anwendung von Silikonen in der papierveredelnden Industrie" Sonderdruck aus der Zeitschrift "Adhäsion", Heft 7, 1973
- B. Reinhardt et al.: "Herstellung von Trennrohpapieren unter chemischen Aspekten"; Allgemeine Papierrundschau 14/1986, S. 367-368
- "Some release and water repellent agents"; Paper, 193, No. 11, June 1980, S. 36-37
- R. Thomas, "Silikonpapiere, Herstellung und Eigenschaften"; Das Papier 39. Jg., Sondernummer 10A, Oktober 1985, S. V92-V96

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EP0697484A1; CN113529465A; EP3009483A1; DE4425737A1; DE4425737C2; US5807781A; WO2004104297A1; WO2004104093A1; WO2009147283A1; EP2300544B1; EP2300544B2; EP2574644B2

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