

Title (en)
Calendering

Title (de)
Mattsatinage

Title (fr)
Satinage

Publication
EP 1811083 B1 20081119 (DE)

Application
EP 06124197 A 20061116

Priority
DE 102006001021 A 20060107

Abstract (en)
[origin: EP1811083A1] A paper mill has a matt satin-finisher assembly in which a surface-coating agent is applied to one side of the moving web prior to passage through a heated glazing gap. The glazing gap is longer than prior art. The linear forces in the heated glazing gap are above 300 N/mm, and the press surface temperature in the glazing gap is between 90 and 130C. The length of each glazing gap is 40 - 90 mm and the assembly has two heated glazing stations, one acting on each side of the paper web. Also claimed is a commensurate process in which the web feeds through a heated glazing gap, and an elastic glazing gap formed by two press surfaces of which one or both are elastic. The elastic gap is located prior to or after the heated glazing gap.

IPC 8 full level
D21G 1/00 (2006.01); **D21G 1/02** (2006.01)

CPC (source: EP)
D21G 1/00 (2013.01); **D21G 1/0233** (2013.01); **D21G 1/0253** (2013.01)

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Designated contracting state (EPC)
AT DE FI IT

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JP 2006352075 A 20061227