

Title (en)

Process for controlling the flow in a headbox.

Title (de)

Verfahren zur Regelung der Strömung in einem Stoffauflauf.

Title (fr)

Procédé de contrôle du courant dans une caisse de tête.

Publication

EP 0471194 B1 19941228 (DE)

Application

EP 91111826 A 19910716

Priority

DE 4025675 A 19900814

Abstract (en)

[origin: EP0471194A1] The proposed headbox is such that, during operation, the substance suspension, when it enters the nozzle space (3), has a speed profile (7) which assumes higher values towards the lateral edges (12) of the nozzle space than in the remaining region. By guiding part of the substance suspension away from the edge regions of the nozzle space, the speed profile at the outlet gap of the nozzle space, where a suspension jet is formed, is controlled in the desired way, in particular made uniform. The essential advantages are a favourable control behaviour and the provision of a desired fibre orientation. <IMAGE>

IPC 1-7

D21F 1/02; **D21F 1/06**

IPC 8 full level

D21F 1/02 (2006.01); **D21F 1/06** (2006.01)

CPC (source: EP)

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Cited by

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EP 0471194 A1 19920219; **EP 0471194 B1 19941228**; AT E116393 T1 19950115; DE 4025675 A1 19920220; DE 4025675 C2 19941020; DE 59104034 D1 19950209; FI 913855 A0 19910814; FI 913855 A 19920215

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