

Title (en)

PROCESS FOR MANUFACTURING PAPER, PAPERBOARD AND CARDBOARD IN THE PRESENCE OF COPOLYMERIZATES CONTAINING N-VINYL FORMAMIDE UNITS

Publication

**EP 0418343 B1 19930526 (DE)**

Application

**EP 90904264 A 19900314**

Priority

DE 3909004 A 19890318

Abstract (en)

[origin: WO9011404A1] Process for manufacturing paper, paperboard and cardboard by dehydrating a pulp in the presence of non-hydrolysed copolymerizates containing (a) 99 to 1 mol.% of N-vinyl formamide and (b) 1 to 99 mol.% of at least one water-soluble basic monomer of formula (I) or (II), where R<1> = H, CH<sub>3</sub>, C<sub>2</sub>H<sub>5</sub>, R<2>, R<3> and R<4> = H, CH<sub>3</sub>, C<sub>2</sub>H<sub>5</sub> (-CH<sub>2</sub>-CH<sub>2</sub>-O-)nH, R<5>, R<6> = C<sub>1</sub> to C<sub>10</sub> alkyl, A = C<sub>1</sub> to C<sub>6</sub> alkylene, n = 1 to 6 and Y< THETA > = an anion, polymerized together, in quantities of 0.01 to 3.5 wt.%, in relation to the dried pulp.

IPC 1-7

**D21H 17/45; D21H 21/10**

IPC 8 full level

**D21H 17/34** (2006.01); **D21H 17/45** (2006.01); **D21H 21/06** (2006.01); **D21H 21/10** (2006.01)

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