

Title (en)
PAPER COATING COMPOSITIONS

Publication
EP 0014904 B1 19811104 (DE)

Application
EP 80100620 A 19800207

Priority
DE 2905765 A 19790215

Abstract (en)
[origin: ES488597A1] An improved paper-coating composition which contains, per 100 parts by weight of a finely divided pigment, from 5 to 25 parts by weight of a copolymer A, in the form of an aqueous dispersion, as a binder, and from 0.5 to 10 parts by weight of a copolymer B, containing (a) from 20 to 70% by weight of copolymerized units of hydroxy-C2-C4-alkyl acrylates or hydroxy-C2-C4-alkyl methacrylates, (b) from 10 to 50% by weight of copolymerized units of acrylic acid, methacrylic acid, maleic acid and/or monoesters of maleic acid and (c) from 5 to 50% by weight of copolymerized units of acrylonitrile, methacrylonitrile, C1-C4-alkyl acrylates of C1-C4-alkyl methacrylates, or vinyl esters of saturated C2-C4-carboxylic acids as the co-binder, with or without from 0.1 to 2.0 parts by weight of an optical brightener which is activated by the co-binder. The paper-coating composition has high water retention.

IPC 1-7
D21H 1/28

IPC 8 full level
C09D 133/02 (2006.01); **C09D 133/04** (2006.01); **D21H 19/00** (2006.01); **D21H 19/44** (2006.01); **D21H 19/58** (2006.01); **D21H 19/60** (2006.01)

CPC (source: EP US)
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Cited by
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