

Title (en)
Base paper for decoration having improved dry strength

Title (de)
Dekorropierpapier mit verbesserter Trockenfestigkeit

Title (fr)
Papier de base pour décoration ayant une résistance à sec améliorée

Publication
EP 1036881 B1 20041027 (DE)

Application
EP 00105181 A 20000311

Priority
DE 19912149 A 19990318

Abstract (en)
[origin: EP1036881A1] The raw lamination paper is composed of cellulose fibers and filling materials from a paper mass of a cellulose mixture containing an unmodified and a cationic modified cellulose. The modified cellulose has a cation charge of 20-300 mmol/kg. The cellulose fibers are modified with a quaternary ammonium compound with a glycidyl function. The cationic modified cellulose forms at least 5 wt% of the cellulose mixture, using a short fiber cellulose for modification. The paper mass contains a wet strength agent in a vol. of 0.3-2.0 wt% of the cellulose. The filling material is titanium oxide, calcium carbonate, kaolin, talcum or a mixture of them.

IPC 1-7
D21H 11/22; **D21H 27/18**

IPC 8 full level
D21H 11/22 (2006.01); **D21H 27/18** (2006.01)

CPC (source: EP)
D21H 11/22 (2013.01); **D21H 27/18** (2013.01)

Cited by
CN103510429A; EP1536065A1; DE102013006278A1; US6890652B2; DE202013003421U1; WO2014166972A1; WO02079572A1; EP2944621A1; US10086532B2; EP2960069A1; DE102014009273A1

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