

Title (en)
MANUFACTURE OF PAPER

Title (de)
PAPIERHERSTELLUNG

Title (fr)
FABRICATION DE PAPIER

Publication
EP 0711370 B1 20020116 (EN)

Application
EP 95921013 A 19950601

Priority

- GB 9501259 W 19950601
- GB 9410965 A 19940601

Abstract (en)
[origin: WO9533096A1] Paper strengthened by starch, typically in amounts of 3 to 15 % dry weight, is made by flocculating a cellulosic suspension using a polymeric retention aid which can be dissolved cationic starch but is preferably a synthetic polymer having IV above 4dl/g, optionally shearing the resultant flocculated suspension and reflocculating it by adding bentonite or other microparticulate anionic material, draining the flocculated or reflocculated suspension and drying the resultant wet sheet, wherein insoluble particles of starch are added to the suspension as a slurry of substantially freely dispersed particles in part or all of the aqueous solution of the polymeric retention aid or in part or all of the aqueous suspension of microparticulate anionic material.

IPC 1-7
D21H 23/16; D21H 17/28

IPC 8 full level
D21H 17/28 (2006.01); **D21H 17/37** (2006.01); **D21H 17/67** (2006.01); **D21H 21/10** (2006.01); **D21H 23/16** (2006.01)

CPC (source: EP)
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Citation (examination)

- GB 2223038 A 19900328 - BLUE CIRCLE IND PLC [GB]
- US 4347100 A 19820831 - BRUCATO ALBERT

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