

Title (en)

PROCESS FOR PREPARING SOFT TISSUE PAPER TREATED WITH NONIONIC SURFACTANT

Publication

EP 0347177 A3 19910502 (EN)

Application

EP 89305971 A 19890613

Priority

- US 20662188 A 19880614
- US 28008688 A 19881205

Abstract (en)

[origin: EP0347177A2] Disclosed is a process for making soft tissue paper which includes the steps of wet-laying cellulose fibers to form a web, applying to the wet web, at a fiber consistency level of from about 10% to about 80%, a noncationic surfactant, and then drying and creping the web to form the finished tissue paper. The process may further include the steps of applying an effective quantity of a binder material, such as starch, to the wet web for linting control, and to contribute tensile strength to the tissue paper.

IPC 1-7

D21D 3/00; D21H 3/02

IPC 8 full level

D21H 27/40 (2006.01); **D21H 17/03** (2006.01); **D21H 17/28** (2006.01); **D21H 23/50** (2006.01)

CPC (source: EP KR)

D21H 17/28 (2013.01 - EP); **D21H 19/54** (2013.01 - KR); **D21H 21/24** (2013.01 - KR); **D21H 23/50** (2013.01 - EP)

Citation (search report)

- [A] ABSTRACT BULLETIN OF THE INSTITUTE OF PAPER CHEMISTRY, vol.47,nØ11,May 1977, page 1257,abstract & JP-A-50040892 (HONSHU PAPER) 14-04-1975
- [A] DATABASE WPIL,NØ 87-040240,Derwent Publications & JP-A-61296159(EARTH SEIYAKU K.K) 26-12-86

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US6306408B1; DE19963834A1; DE19963834C2; DE19963835A1; DE19963835C2; DE19711452A1; AT525430A4; AT525430B1; US6860967B2; EP3231939A1; EP4234812A1; WO0149937A1; WO9405857A1; WO0149932A3; US6905697B2; US6228895B1; US6268028B1; US6309509B1; US8545861B2; US6193841B1; US6641822B2

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