

Title (en)

Cellulosic, modified lignin and cationic polymer composition and process for making improved paper or paperboard.

Title (de)

Modifiziertes Lignin und kationisches Polymer enthaltende Zellulosezusammensetzung und Verfahren zur Herstellung von Papier oder Karton.

Title (fr)

Composition cellulosique à base de lignine modifiée et d'un polymère cationique et procédé amélioré pour fabriquer du papier ou du carton.

Publication

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Application

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Priority

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- US 6925893 A 19930528

Abstract (en)

A composition comprising an aqueous cellulosic furnish, a high molecular weight cationic polymer, and a modified lignin wherein the ratio of the cationic polymer to the modified lignin is from about 10:1 to 1:10 on an active basis is disclosed. A process employing this composition for making paper or paperboard having improved drainage, retention and formation properties is also provided.

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IPC 8 full level

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CPC (source: EP)

D21H 17/23 (2013.01); **D21H 17/375** (2013.01); **D21H 17/44** (2013.01); **D21H 17/455** (2013.01)

Citation (search report)

- [X] DATABASE WPI,n# 83-02920K,Derwent Publications Ltd,London,GB; & JP-A-57191394(KYORITSU)25-11-1982
- [X] DATABASE PAPERCHEM,n#54-05491,Institute of Paper & JP-A-57191394(KYORITSU) 25-11-1982

Cited by

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EP 0628658 A1 19941214; **EP 0628658 B1 19971217**; AU 6335694 A 19941201; AU 673252 B2 19961031; CA 2124102 A1 19941129; DE 69407346 D1 19980129; DE 69407346 T2 19980528; ES 2110184 T3 19980201; JP H07173790 A 19950711; NZ 260584 A 19951026

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