

Title (en)

A papermaking process and a cationic chemical

Title (de)

Verfahren zur Papierherstellung und kationische Chemikalie

Title (fr)

Procédé pour faire du papier utilisant un produit chimique cationique

Publication

EP 0918104 A1 19990526 (EN)

Application

EP 98660107 A 19981020

Priority

- CA 2265432 A 19990316
- FI 974281 A 19971119

Abstract (en)

The invention relates to a process for the making of paper or a corresponding fiber product, in which process a cationic chemical is added to the paper or the corresponding fiber product in order to render hydrophobic the paper or the corresponding fiber product, the cationic chemical having the formula <CHEM> where R1, R2 and R3 are the same or different and are each a saturated or unsaturated acyclic, cyclic or aromatic hydrocarbon containing 1-41 carbon atoms, R4 is a saturated or unsaturated acyclic, cyclic or aromatic hydrocarbon containing 1-41 carbon atoms and at least one oxygen atom, and X<-> is an anion. The invention also relates to a cationic chemical which has an ability to attach to anionic surfaces.

IPC 1-7

D21H 21/16; **D21H 17/07**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] US 3872138 A 19750318 - OGATA YUZURU [JP]
- [X] DATABASE WPI Section Ch Week 9009, Derwent World Patents Index; Class A82, AN 90-064785, XP002094837
- [XA] DATABASE WPI Section Ch Week 8914, Derwent World Patents Index; Class A11, AN 89-104959, XP002094838

Cited by

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