

Title (en)

Process for improving the brightness, the clearness and the colour of fibrous material.

Title (de)

Verfahren zur Verbesserung von Weissgrad, Helligkeit und Farbort von Faserstoffen.

Title (fr)

Procédé pur améliorer la blancheur, la clarté et la couleur de matières fibreuses.

Publication

EP 0588767 A1 19940323 (DE)

Application

EP 93810632 A 19930906

Priority

DE 4230655 A 19920914

Abstract (en)

Addition of photosensitising compounds to wood fibre substances and mixtures thereof in order to improve their degree of whiteness, their brightness and their colour location, and the fibrous substances obtained thereby, and their use.

Abstract (de)

Zusatz von photosensibilisierenden Verbindungen zu Holzfaserstoffen und deren Gemischen zur Verbesserung von deren Weissgrad, Helligkeit und Farbort; sowie die damit erhaltenen Faserstoffe und ihre Verwendung.

IPC 1-7

D21H 21/30; **D21C 9/10**; **D06P 1/26**

IPC 8 full level

D21C 9/00 (2006.01); **D06L 3/12** (2006.01); **D06L 4/657** (2017.01); **D06L 4/693** (2017.01); **D06P 1/26** (2006.01); **D06P 1/46** (2006.01); **D21C 9/10** (2006.01); **D21H 21/30** (2006.01)

CPC (source: EP US)

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Citation (search report)

- [X] DE 3041682 A1 19810521 - COLGATE PALMOLIVE CO [US]
- [DX] US 3927967 A 19751223 - SPEAKMAN PETER ROSCOE HARTLEY
- [X] DATABASE WPI Section Ch Derwent World Patents Index; Class A97, AN 71-66977S
- [X] DATABASE WPI Section Ch Week 8951, Derwent World Patents Index; Class D16, AN 89-376261
- [X] DATABASE WPI Section Ch Week 8749, Derwent World Patents Index; Class E13, AN 87-346688
- [X] DATABASE WPI Section Ch Derwent World Patents Index; Class E24, AN 72-63413T

Cited by

FR2804446A1; DE102007036376A1; DE19916078A1; WO0157309A3; WO2004007560A1

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