

Title (en)

Process for treating lignin containing cellulose pulp with ozone.

Title (de)

Verfahren zur Behandlung von Lignin enthaltender Cellulosemasse mit Ozon.

Title (fr)

Procédé de traitement d'une pâte cellulosique contenant de la lignine par l'ozone.

Publication

**EP 0325890 A1 19890802 (DE)**

Application

**EP 88810034 A 19880125**

Priority

EP 88810034 A 19880125

Abstract (en)

To separate lignin from cellulose material, the latter is exposed to the action of ozone in the gaseous phase in the presence of at least one C1-3-fatty acid, particularly acetic acid, in order to render the lignin contained in the cellulose material more soluble in the fatty acid by oxidative conversion.

Abstract (de)

Zur Abtrennung von Lignin aus Cellulosemasse wird diese in Gegenwart mindestens einer C1-3-Fettsäure, insbesondere Essigsäure, der Einwirkung von Ozon in der Gasphase ausgesetzt, um das in der Cellulosemasse enthaltene Lignin durch oxidative Umwandlung in der Fettsäure löslicher zu machen.

IPC 1-7

**D21C 9/153**; **D21C 9/16**

IPC 8 full level

**D21C 9/153** (2006.01); **D21C 9/16** (2006.01)

CPC (source: EP US)

**D21C 9/153** (2013.01 - EP US); **D21C 9/163** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0325890 A1 19890802**; **EP 0325890 B1 19930609**; AT E90404 T1 19930615; BR 8900299 A 19890919; CA 1319472 C 19930629; DE 3881676 D1 19930715; ES 2041828 T3 19931201; JP H01221587 A 19890905; US 5074960 A 19911224

DOCDB simple family (application)

**EP 88810034 A 19880125**; AT 88810034 T 19880125; BR 8900299 A 19890125; CA 588913 A 19890123; DE 3881676 T 19880125; ES 88810034 T 19880125; JP 1741489 A 19890125; US 60659590 A 19901031