

Title (en)

Process and apparatus for loading fibers with calcium carbonate

Title (de)

Verfahren sowie Vorrichtung zum Beladen von Fasern mit Calciumcarbonat

Title (fr)

Procédé et dispositif pour le chargement de fibres avec carbonate de calcium

Publication

EP 1172477 B1 20040908 (DE)

Application

EP 01114533 A 20010616

Priority

DE 10033978 A 20000713

Abstract (en)

[origin: EP1172477A1] A medium containing calcium oxide (quicklime) and/or calcium hydroxide (slaked lime) is added to the fibrous suspension. The suspension is then treated in reactors (12i) with pure carbon dioxide or a carbon dioxide-containing medium. An Independent claim is included for corresponding plant carrying out the process.

IPC 1-7

D21C 9/00; **D21H 11/20**; **D21H 17/70**

IPC 8 full level

D21C 9/00 (2006.01); **D21H 11/20** (2006.01); **D21H 17/70** (2006.01); **D21H 17/67** (2006.01)

CPC (source: EP US)

D21C 9/004 (2013.01 - EP US); **D21H 11/20** (2013.01 - EP US); **D21H 17/70** (2013.01 - EP US); **D21H 17/675** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

AT DE FI SE

DOCDB simple family (publication)

EP 1172477 A1 20020116; **EP 1172477 B1 20040908**; AT E275660 T1 20040915; DE 10033978 A1 20020124; DE 50103511 D1 20041014; US 2002007925 A1 20020124; US 2002092636 A1 20020718; US 2003121624 A1 20030703; US 6599390 B2 20030729; US 6755941 B2 20040629; US 6881298 B2 20050419

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EP 01114533 A 20010616; AT 01114533 T 20010616; DE 10033978 A 20000713; DE 50103511 T 20010616; US 36915003 A 20030219; US 90397501 A 20010712; US 9877902 A 20020314