

Title (en)

METHOD FOR CHARGING A FIBRE SUSPENSION AND ARRANGEMENT FOR CARRYING OUT SAID METHOD

Title (de)

VERFAHREN ZUM BELADEN EINER FASERSTOFFSUSPENSION UND ANORDNUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCEDE DE CHARGEMENT D'UNE SUSPENSION DE MATIERE FIBREUSE ET DISPOSITIF DESTINE A LA MISE EN OEUVRE DU PROCEDE

Publication

**EP 1694908 A1 20060830 (DE)**

Application

**EP 04817565 A 20041203**

Priority

- EP 2004053263 W 20041203
- DE 10357437 A 20031209

Abstract (en)

[origin: WO2005056918A1] The invention relates to a method for charging a fibre suspension, containing cellulose fibres, with calcium carbonate. Said method comprises the following steps: Calcium oxide or calcium hydroxide is introduced into the fibre suspension in a liquid or dried form; gaseous carbon dioxide is introduced into the fibre suspension and calcium carbonate in ball-shaped agglomerations (49) of crystals is precipitated by the carbon dioxide. The invention also relates to an arrangement for charging the fibre suspension containing cellulose fibres.

IPC 8 full level

**D21C 9/00** (2006.01)

CPC (source: EP US)

**D21C 9/004** (2013.01 - EP US)

Citation (search report)

See references of WO 2005056918A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2005056918 A1 20050623**; CN 1890429 A 20070103; DE 10357437 A1 20050707; EP 1694908 A1 20060830; US 2007062652 A1 20070322

DOCDB simple family (application)

**EP 2004053263 W 20041203**; CN 200480035799 A 20041203; DE 10357437 A 20031209; EP 04817565 A 20041203; US 59631304 A 20041203