

Title (en)

Method and arrangement for a fiber web production line

Title (de)

Verfahren und Anordnung für einen Fasernetzproduktionslinie

Title (fr)

Procédé et agencement pour une ligne de production de bande de fibre

Publication

EP 2772584 A1 20140903 (EN)

Application

EP 13156967 A 20130227

Priority

EP 13156967 A 20130227

Abstract (en)

The invention relates to a method for applying a substance to generate at least one web layer of a fiber web, in which method a substance mixture or suspension or dispersion or solution is applied on a moving surface by at least one spraying and atomizing means. In the method the at least one web layer of fiber web is generated on to moving surface by providing an atomized substance spray comprising fiber particles by the at least one spraying and atomizing means to apply the substance mixture or suspension or dispersion or solution flow as a high viscosity and high consistency mixture or suspension or dispersion or solution, which has the consistency over 5 %. In the method the substance flow is sprayed and atomized by the at least one spraying and atomizing means comprising at least one rotary application means and fiber web is generated partly or completely by applying in contactless manner fibrous substance in form of mixture or suspension or dispersion or solution. The invention also relates to an arrangement for applying a substance to form at least one web layer of a fiber web, which arrangement comprises at least one spraying and atomizing means and moving surface. The arrangement comprises at least one rotary application means for spraying and atomizing the substance mixture or suspension or dispersion or solution with high viscosity and high consistency, in which the mixture or suspension or dispersion or solution comprises fibers or fibrous particles and has the consistency over 5 %.

IPC 8 full level

D21H 23/50 (2006.01); **D21F 1/02** (2006.01)

CPC (source: EP)

D21F 9/006 (2013.01); **D21F 11/04** (2013.01); **D21H 23/50** (2013.01)

Citation (applicant)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2772584 A1 20140903; CN 104005267 A 20140827

DOCDB simple family (application)

EP 13156967 A 20130227; CN 201310581322 A 20131119