

Title (en)

Method and system of producing a multi-layer fleece, in particular using a scutcher and lap machine

Title (de)

Verfahren und System zur Produktion eines mehrschichtigen Vlieses, insbesondere mittels eines Vlieslegers

Title (fr)

Procédé et système de production d'une nappe multicouche, notamment au moyen d'un étaleur- nappeur

Publication

EP 1897979 A3 20090624 (FR)

Application

EP 07370015 A 20070911

Priority

FR 0607922 A 20060911

Abstract (en)

[origin: EP1897979A2] Device for consolidating a multilayer fibrous web comprises two motor-driven conveyor belts that move a carriage in one of two directions to lengthen the travel path of the web when the entry speed is greater than the exit speed and to shorten the travel path of the web when the entry speed is less than the exit speed. Independent claims are also included for: (1) system for continuous production of a multilayer fibrous web, comprising an upstream device for delivering an unconsolidated multilayer fibrous web to a consolidating device as above, where the exit speed of the upstream device is equal to the entry speed of the consolidating device; (2) producing a multilayer fibrous web using a system as above.

IPC 8 full level

D01G 25/00 (2006.01); **B65H 20/06** (2006.01); **B65H 23/188** (2006.01); **D04H 13/00** (2006.01)

CPC (source: EP)

B65H 20/06 (2013.01); **B65H 23/1882** (2013.01); **D01G 25/00** (2013.01); **D04H 1/74** (2013.01)

Citation (search report)

- [DA] EP 1386990 A1 20040204 - DILO KG MASCHF OSKAR [DE]
- [A] US 5762254 A 19980609 - PRITTIE ALLAN R [CA], et al
- [A] US 2005193525 A1 20050908 - LEGER JOACHIM [DE]

Cited by

CN102839450A; FR2930563A1; EP2128314A3; EP2537967A1; EP3360990A1; US8464400B2; WO2024023049A1

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 LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1897979 A2 20080312; **EP 1897979 A3 20090624**; FR 2905684 A1 20080314

DOCDB simple family (application)

EP 07370015 A 20070911; FR 0607922 A 20060911