

Title (en)

Layering unit for carded webs and method for layering said webs by means of said layering unit.

Title (de)

Vlieslegervorrichtung für kardierte Faserbahnen und Verfahren zum Vlieslegen

Title (fr)

Appareil étaleur-nappeur pour des voiles cardeuses et procédé pour déposer des voiles

Publication

EP 1686205 B1 20070718 (EN)

Application

EP 05106993 A 20050728

Priority

IT VI20050096 A 20050404

Abstract (en)

[origin: EP1686205A1] Layering unit (1; 100) of the type comprising: a first conveyor belt (2; 102) and a second conveyor belt (3; 103), with a section of one arranged over and under the other to form a "U" shape (4; 104) and thereby create a guiding channel (5; 105) for the web (V) with an inlet (6; 106) and an outlet (7; 107); a plurality of revolving cylinders (8; 108); a stacking table (9; 109); a first retriever carriage (10; 110) comprising a first retriever cylinder (11; 111) and a second retriever cylinder (12; 112); a second retriever carriage (13; 113) comprising a retriever cylinder (14; 114); a distributor carriage (15; 115) comprising a first distributor cylinder (16; 116) and a second distributor cylinder (17; 117) forming the outlet (7; 107) of the web-guiding channel (5; 105). The distributor carriage (15; 115) is situated in between said first retriever carriage (10; 110) and said second retriever carriage (13; 113).

IPC 8 full level

D01G 25/00 (2006.01); **D04H 1/74** (2006.01)

CPC (source: EP)

D01G 25/00 (2013.01); **D04H 1/74** (2013.01)

Cited by

IT201900008706A1; WO2018162369A1; EP4001478A1; IT202000027170A1; FR3063741A1

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1686205 A1 20060802; **EP 1686205 B1 20070718**; AT E367463 T1 20070815; DE 602005001687 D1 20070830; DE 602005001687 T2 20080717; ES 2290854 T3 20080216; IT VI20050096 A1 20061005; PL 1686205 T3 20071231

DOCDB simple family (application)

EP 05106993 A 20050728; AT 05106993 T 20050728; DE 602005001687 T 20050728; ES 05106993 T 20050728; IT VI20050096 A 20050404; PL 05106993 T 20050728