

Title (en)

Suction apparatus for transferring a nonwoven web

Title (de)

Saugvorrichtung zum Überführen einer Vliesstoffbahn

Title (fr)

Appareil d'aspiration pour le transfert d'un voile non tissé

Publication

**EP 2085504 B1 20101222 (EN)**

Application

**EP 08002004 A 20080204**

Priority

EP 08002004 A 20080204

Abstract (en)

[origin: EP2085504A1] The apparatus (3) is used for transferring a nonwoven web (W) between an upstream unit (1), such as for example a conveyor belt, and a downstream unit (2), such as for example a thermal bonding unit. The apparatus comprises a rotating and air permeable cylinder (30), and air suction means (31) for creating a suction force through the cylinder in order to make a nonwoven web adhere against the surface of a first portion (P1) of the cylinder. The air suction means (31) further comprise a stationary internal channel (310) that is mounted inside the cylinder (30) and extends between the said first portion (P1) and a second portion (P2) of the cylinder, and a suction hood (311) that is mounted outside the cylinder (30) and in the vicinity of the said second portion (P2).

IPC 8 full level

**D01G 15/46** (2006.01); **D04H 1/00** (2006.01)

CPC (source: EP)

**D01G 15/465** (2013.01); **D04H 1/54** (2013.01)

Cited by

EP2417951A1; EP2417952A1; AU2011211440B2; AU2011211422B2; AU2011211389B2; US12006603B2; EP3575455A1; FR3081885A1; FR3059343A1; FR3059344A1; US11885046B2; WO2018095766A3; EP3575455B1; WO2020144084A1

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