

Title (en)

Method and device for transferring a material web

Title (de)

Vorrichtung und Verfahren zur Überführung einer Materialbahn

Title (fr)

Procédé et dispositif destinés au transfert d'une bande de matériau

Publication

EP 2135994 A3 20131023 (DE)

Application

EP 09007523 A 20090608

Priority

AT 9602008 A 20080617

Abstract (en)

[origin: US2009308554A1] This invention relates to a device for transferring a material web, particularly a web made of paper, board, tissue, or other pulp. In order to transfer the material web and, preferably, a supporting belt from a first supporting surface to a subsequent supporting surface, a pick-up box with a pick-up zone to lift the material web off the first supporting surface and a stabilizer box with a stabilizing zone to stabilize the material web are arranged before the subsequent supporting surface. Suction can be applied to the pick-up zone and the stabilizing zone by means of a vacuum source. A further zone to separate the vacuum in the pick-up zone from the vacuum in the stabilizing zone is located between the pick-up zone and the stabilizing zone. This invention also relates to a process for transferring a material web performed with the device according to the invention.

IPC 8 full level

D21G 9/00 (2006.01); **D21F 5/04** (2006.01)

CPC (source: EP US)

D21F 5/042 (2013.01 - EP US); **D21F 5/046** (2013.01 - EP US); **D21G 9/0063** (2013.01 - EP US)

Citation (search report)

[AD] EP 1788153 A2 20070523 - VOITH PATENT GMBH [DE]

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

AT 506407 A4 20090915; AT 506407 B1 20090915; CN 101607645 A 20091223; CN 101607645 B 20151209; EP 2135994 A2 20091223; EP 2135994 A3 20131023; EP 2135994 B1 20141203; RU 2009122354 A 20101220; RU 2496703 C2 20131027; US 2009308554 A1 20091217

DOCDB simple family (application)

AT 9602008 A 20080617; CN 200910149316 A 20090616; EP 09007523 A 20090608; RU 2009122354 A 20090611; US 45630809 A 20090615