

Title (en)
LAMINATED PRODUCT TREATING APPARATUS

Title (de)
VORRICHTUNG ZUR BEARBEITUNG EINES BESCHICHTETEN PRODUKTS

Title (fr)
APPAREIL DE TRAITEMENT DE PRODUIT STRATIFIÉ

Publication
EP 2545214 A4 20150729 (EN)

Application
EP 11753060 A 20110310

Priority
• JP 2010053817 A 20100310
• JP 2011001423 W 20110310

Abstract (en)
[origin: WO2011111397A1] Laminated product treating apparatus improved to prevent falling off core material from the laminated product in the course of treating the laminated product containing the core material with steam. First and second mesh belts 60, 70 respectively have a plurality of first and second openings 63, 73 and first and second closed regions 64, 74 each defined between each pair of the adjacent openings 63, 73. In the course of being fed and transported, the first mesh belt 60 and the second mesh belt 70 are relatively positioned so that the first openings 63 are more or less out of alignment with the second openings 73, i.e., the second closed region 74 overlap the first openings 63 and thereby the second closed region 74 partially closes the first openings 63.

IPC 8 full level
D04H 1/46 (2012.01); **D04H 1/40** (2012.01); **D04H 1/413** (2012.01); **D04H 1/492** (2012.01); **D04H 1/498** (2012.01); **D04H 1/736** (2012.01); **D06B 1/08** (2006.01); **B32B 37/10** (2006.01)

CPC (source: EP US)
B32B 37/1027 (2013.01 - EP US); **B32B 2038/0024** (2013.01 - EP US); **B32B 2310/049** (2013.01 - EP US); **B32B 2555/02** (2013.01 - EP US)

Citation (search report)
• [I] WO 2006128043 A1 20061130 - FIRST STEP PARTNERS LLC [US], et al
• [A] US 2007275207 A1 20071129 - HIGGINS KENNETH B [US], et al
• [A] DE 19604726 A1 19970814 - DAIMLER BENZ AG [DE]
• See references of WO 2011111397A1

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

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DOCDB simple family (application)
JP 2011001423 W 20110310; CN 201180013056 A 20110310; EP 11753060 A 20110310; JP 2010053817 A 20100310; TW 100107909 A 20110309; US 201113581176 A 20110310