

Title (en)

Device for transporting a nonwoven between two rolls with a distance therebetween

Title (de)

Vorrichtung zum Transport eines Vlieses zwischen zwei mit Abstand voneinander angeordneten Walzen

Title (fr)

Appareil pour le transport d'une matière non tissée entre deux rouleaux disposés à une certaine distance l'un de l'autre

Publication

EP 1223135 A1 20020717 (DE)

Application

EP 02000863 A 20020115

Priority

DE 10105843 A 20010116

Abstract (en)

In a process to transfer an incoming loose and weak web of non-woven staple fibre fleece from one roller drum to another, the fleece is held securely by air suction during take-up from the first drum and release to the second. Also claimed is an assembly in which a hot and loose fleece web is simultaneously cooled by air during the transfer process. The transfer is effected by a rotating sieve drum (19) from which air (26) is exhausted. The upper side of the drum is covered by a cap (27).

Abstract (de)

Ein noch unverfestigtes oder nur geringfügig verfestigtes Stape(faservlies kann nicht ohne Unterstützung während des Transportes von dem Spalt eines Kalandervalzenpaares an ein folgendes Endlosband übergeben werden. Dazu ist nach der Erfindung ein ständig tragendes, umlaufendes Element (19) wie Endlosband oder Siebtrommel vorgesehen, das jeweils von unten in Richtung des Elementes durchströmt werden soll. Dies ermöglicht gleichzeitig einen Kühleffekt. <IMAGE>

IPC 1-7

B65H 20/10; **B65H 20/12**; **D04H 1/44**; **D06C 15/02**; **D01G 25/00**; **D01G 23/08**

IPC 8 full level

B65H 20/10 (2006.01); **B65H 20/12** (2006.01); **D01G 23/08** (2006.01); **D01G 25/00** (2006.01); **D04H 1/44** (2006.01); **D06C 15/02** (2006.01)

CPC (source: EP US)

B27N 3/16 (2013.01 - EP); **B65H 20/10** (2013.01 - EP US); **B65H 20/12** (2013.01 - EP US); **D04H 1/44** (2013.01 - EP US); **B65H 2301/44336** (2013.01 - EP US); **B65H 2301/44734** (2013.01 - EP US); **B65H 2404/262** (2013.01 - EP US); **B65H 2406/323** (2013.01 - EP US); **B65H 2701/174** (2013.01 - EP US); **B65H 2701/177** (2013.01 - EP US)

Citation (search report)

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DOCDB simple family (application)

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