

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 B1 20040728 (DE)

Application

EP 02000863 A 20020115

Priority

DE 10105843 A 20010116

Abstract (en)

[origin: EP1223135A1] 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).

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

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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 (examination)

US 4809404 A 19890307 - LASENGA WERNER [DE]

Cited by

DE102008008549A1; WO2021001572A1; WO2009049566A3; WO2009049563A3

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