

Title (en)

Apparatus for manufacturing a web with multiple fibres-layers and produced web with this apparatus

Title (de)

Vorrichtung für die Bildung eines mehrschichtigen Vlieses aus zufallsorientierten Fasern sowie ein mit dieser Vorrichtung angefertigtes Vlies

Title (fr)

Appareil pour la formation d'un voile à couches multiples de fibres radomisées et voile obtenu au moyen de cet appareil

Publication

EP 0484812 B1 19960320 (FR)

Application

EP 91118493 A 19911030

Priority

IT 1253990 A 19901106

Abstract (en)

[origin: EP0484812A1] The present invention relates to an apparatus for manufacturing a web with multiple layers of randomised fibres and to the web obtained with this apparatus, in which a particular number of devices for taking up the fibres from the large drum (11) by means of "mechanical" systems (12, 17, 17', 20, 20', 18, 19, 22, 27, 27', 30, 30', 28, 29), such as the combing cylinders or the like, is combined with a device for taking up the residual fibres (31) from the large drum (11) by means of an air-suction system (21, 23, 25, 26), in such a way that the web or webs produced solely by the mechanical systems (12, 17, 17', 20, 20', 18, 19, 22, 27, 27', 30, 30', 28, 29) and the web produced solely by the air-suction system (21, 23, 25, 26) are formed on different conveyor bands and are subsequently superposed on one conveyor band (24), thus producing an exceptionally uniform web having multiple layers with extremely high randomisation and with the possibility of increasing its weight. <IMAGE>

IPC 1-7

D01G 15/46; **D04H 1/72**

IPC 8 full level

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CPC (source: EP)

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Cited by

EP1046731A1; EP0608686A1; EP0962561A1; EP1371760A1; EP0704561A1; FR2725216A1; US5584101A; US7003853B2; WO9700984A1; EP0817875B2

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