

Title (en)

Apparatus and method for transporting a textile sheet

Title (de)

Anlage und Verfahren zum Transportieren von textilen Flächegebilden

Title (fr)

Appareil et procédé pour le transport de matériaux textiles en bande

Publication

**EP 1295973 B1 20051207 (DE)**

Application

**EP 01122930 A 20010925**

Priority

EP 01122930 A 20010925

Abstract (en)

[origin: EP1295973A1] An assembly transports a loose layer of textile fibres (1) on the upper surface of an air-permeable belt (4) towards a surrender point (5). The belt (4) lower surface esp. has a series of transverse air vanes (6). The conveyer belt lower face is separated from the guide vanes by a narrow, adjustable gap. The vanes have aerodynamically cambered surfaces and are arranged in a parallel array at an angle of less than 90 degrees to the belt on a position-adjustable support frame (10). Two rows of vanes are arranged in a swept-back array. The trailing edge gap between the belt (4) and feed roller (20) is filled by a gusset (22). An Independent claim is also included for a process and assembly to manufacture a fleece web on non-woven fibres.

IPC 1-7

**D01G 25/00**

IPC 8 full level

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CPC (source: EP US)

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