

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.

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CPC (source: EP US)

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