

Title (en)  
Device and method for continuously fulling woven or knitted textile fabrics

Title (de)  
Vorrichtung und Verfahren zum kontinuierlichen Walken einer Warenbahn aus textilen Geweben und Gewirken

Title (fr)  
Dispositif et procédé de foulage à la continue de tissus et tricotés textiles

Publication  
**EP 0808930 A1 19971126 (DE)**

Application  
**EP 97810268 A 19970429**

Priority  
CH 130296 A 19960523

Abstract (en)  
The assembly for fulling woven or knitted piecegoods (6) has a guide channel (15) where the fabrics (6) are moved through and accelerated by a fluid to be forced against a beating surface (16,17) at the end of the channel (15). Controls (26) are between the guide channel (15) and the beating surfaces (16,17) to change the spread fabric (6) into a strand before it reaches the beating surfaces (16,17). Also claimed is an operation to alter the state of the fabric (6) from a spread material into a strand, before it reaches the beating surfaces (16,17). Preferably the fabric guide channel (15) has fluid feeds (18,19), to advance the fabric (6) through the channel (15). The control units have at least one jet at an obtuse angle to the direction (F) of fabric (6) travel and at least one control jet (26) across the fabric travel line (F). The control (26) can be switched on and off. The fabric (6) is moved to and fro between fabric holding zones (13,14) through the guide channel (15), to strike with acceleration against beating surfaces (16,17) in each direction (F,F') of travel. The fabric when withdrawn from the second holding zone (14) is given at least one further and identical treatment. The fabric is spread out when moving in only one direction of travel (F,F').

Abstract (de)  
Es wird eine Vorrichtung zum kontinuierlichen Walken einer Warenbahn (6) aus textilen Geweben und Gewirken mit einem Führungskanal (15) beschrieben, durch welchen die Warenbahn (6) mittels eines Fluids hindurchführbar und beschleunigbar ist. Am Ende des Führungskanals (15) ist eine Prallfläche (16, 17) vorgesehen, gegen welche die Warenbahn (6) durch das Fluid schleuderbar ist. Zwischen der Prallfläche (16, 17) und dem Führungskanal (15) sind zusätzlich Steuermittel (26, 26') vorgesehen, mittels welcher die im Führungskanal breit geführte Warenbahn (6) vor dem Auftreffen auf die Prallfläche (16, 17) zu einem Warenstrang (25) zusammenführbar ist. <IMAGE>

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[DA] EP 0535287 A1 19930407 - SOLIPAT AG [CH]

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