

Title (en)
METHOD FOR FABRIC FORMATION AND A DEVICE FOR CARRYING IT OUT

Title (de)
VERFAHREN ZUR GEWEBEHERSTELLUNG UND VORRICHTUNG ZUR DURCHFÜHRUNG DAVON

Title (fr)
PROCÉDÉ DE FORMATION DE TISSU ET DISPOSITIF POUR SA MISE EN OEUVRE

Publication
EP 3144421 A3 20170503 (EN)

Application
EP 15185777 A 20150918

Priority
CZ 2015634 A 20150917

Abstract (en)
[origin: EP3144421A2] The invention relates to a method of fabric formation in which from a set of threads is formed a shed, through which is inserted a second set of threads, whereupon the inserted thread arrives at the fell of the formed fabric. At least two equivalent sets of threads mounted in an equivalent manner on equivalent carriers are used for forming fabric, whereby alternately a shed is formed by the individual sets of threads and alternately a thread of a corresponding set is inserted through the shed as a weft thread so that each of the threads of one set of threads is inserted in one particular weaving cycle through the shed, which is formed by the threads of another set of threads, and this inserted thread of one set of threads is used in at least one following weaving cycle as a shedding thread for forming a shed by the threads of this set of threads and for inserting one or more threads of at least one other set of threads, whereby the threads of all the sets of threads together form the binding points of the fabric being formed. A device for fabric formation which comprises at least two sets of threads, whereby it further comprises a shed forming device and a weft insertion device and also comprises a beating-up device and a take-up and winding device of fabric. All the sets of threads are mounted in an equivalent manner on equivalent carriers, each carrier being aligned with a insertion device of a corresponding set of threads, whereby each set of threads is aligned with means for fixing the ends of the picked threads of each set of threads and means for regulating the tension of the inserted threads of each set of threads and also means for forming shed by the inserted threads of another set of threads.

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Citation (search report)
• [XI] EP 2479327 A1 20120725 - TAPE WEAVING SWEDEN AB [SE]
• [X] WO 2014128681 A1 20140828 - BROMAS LOG S R L [IT]
• [A] FR 2791365 A1 20000929 - HEXCEL FABRICS [FR]
• [A] WO 8901405 A1 19890223 - KIRCHNER DIETRICH A H [DE]

Designated contracting state (EPC)
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Designated extension state (EPC)
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DOCDB simple family (publication)
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