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(54) **Air jet loom**

(57) An air jet loom (10,110) includes a weft insertion nozzle (18,118) for inserting a weft thread (14,114) through a shed by means of an airflow; a first supply channel (28,128) for supplying the weft insertion nozzle with first compressed air for weft insertion; and a second supply channel (30,130) for supplying the weft insertion nozzle with second compressed air having a pressure different from that of the first compressed air. The second

supply channel has an on-off valve (42,142) which is opened substantially when the weft thread passed through the weft insertion nozzle is cut by a thread cutter (54). Apart from the above opening operation of the on-off valve, an opening operation is performed on the on-off valve such as to thread the weft thread through the weft insertion nozzle.

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EUROPEAN SEARCH REPORT

Application Number
EP 07 00 4284

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Place of search The Hague		Date of completion of the search 1 April 2009	Examiner Pussemier, Bart
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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