

Title (en)

Method and apparatus for inserting weft threads

Title (de)

Vorrichtung und Verfahren zum Eintragen von Schussfäden

Title (fr)

Procédé et dispositif d'insertion des fils de trame

Publication

**EP 1790764 A1 20070530 (DE)**

Application

**EP 05405670 A 20051125**

Priority

EP 05405670 A 20051125

Abstract (en)

A weft insertion nozzle has an air-pressure activated yarn clamp (7) to prevent the yarn (2) jumping back. The clamp is controlled by a valve (8), which can also operate the air jet (3) from a common air supply line (8b). The action can be switched manually (8a) between clamp and jet. In a loom with several weft insertion nozzles, each is equipped with a clamp and control valve mounted on the nozzle. Independent claims are included for the following: (1) A method threading-up a loom by inserting the yarn with the help of the jet (3) while the clamp is open and then closing the clamp as the jet is switched off; (2) A loom equipped with weft insertion nozzles of this kind.

IPC 8 full level

**D03D 47/28** (2006.01)

CPC (source: EP)

**D03D 47/3013** (2013.01); **D03D 47/3053** (2013.01)

Citation (search report)

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- [A] DE 29917872 U1 20000120 - DORNIER GMBH LINDAUER [DE]
- [A] DE 10135446 A1 20030206 - IROPA AG [CH]

Cited by

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Designated extension state (EPC)

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