

Title (en)

Storage device and method for storing weft threads in a loom

Title (de)

Verfahren und Speichervorrichtung zum Speichern von Schussfäden in einer Webmaschine

Title (fr)

Procédé et dispositif de stockage destiné au stockage de fils de trame dans un métier à tisser

Publication

EP 2230342 A1 20100922 (EN)

Application

EP 10156890 A 20100318

Priority

- EP 09155516 A 20090318
- EP 10156890 A 20100318

Abstract (en)

A storage apparatus (20) for the storage of weft threads in a weaving machine is disclosed, including a storage chamber (24) having an inlet side and an outlet side, the storage chamber being provided at the inlet side thereof with a first nozzle (21) for the blowing in of a weft thread (2) and at the outlet side thereof with a thread brake (19) for the holding tight of the weft thread and a second nozzle (22) for the removal of the weft thread from the storage chamber, wherein the storage apparatus (20) additionally includes a third nozzle (23), upstream of the second nozzle (22) and with an opposite blowing direction with respect to the second nozzle (22) to blow back the removed weft thread into the storage chamber upon detecting a weft fault or to keep taught the weft thread.

IPC 8 full level

B65H 51/20 (2006.01); **D03D 47/36** (2006.01)

CPC (source: EP)

B65H 51/205 (2013.01); **D03D 47/36** (2013.01); **B65H 2701/31** (2013.01)

Citation (applicant)

- EP 0316028 A1 19890517 - PICANOL NV [BE]
- US 3669328 A 19720613 - CASTELLI LUIGI
- EP 0445489 A1 19910911 - SULZER AG [CH]
- EP 0685585 A1 19951206 - RUETI AG MASCHF [CH]
- EP 1033579 A2 20000906 - UNIV DRESDEN TECH [DE]

Citation (search report)

- [AD] EP 0316028 A1 19890517 - PICANOL NV [BE]
- [A] US 3669328 A 19720613 - CASTELLI LUIGI
- [A] CH 540843 A 19730831 - STUTZ HANS [CH]

Cited by

CN103388225A; GB2545324A; GB2545324B

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA ME RS

DOCDB simple family (publication)

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