

Title (en)

Air jet loom comprising an apparatus for showing compressed air flow rate

Title (de)

Eine Luftdüsenwebmaschine mit einer Vorrichtung zur Anzeige der Druckluftdurchflussmenge

Title (fr)

Métier à tisser à jet d'air avec un appareil permettant d'indiquer le flux d'air comprimé

Publication

**EP 2733243 A1 20140521 (EN)**

Application

**EP 13190189 A 20131025**

Priority

JP 2012252489 A 20121116

Abstract (en)

An apparatus for showing compressed air flow rate in an air jet loom includes a main nozzle and sub-nozzles causing a weft yarn to move by means of compressed air, a flow rate measuring device that serves to measure flow rate of compressed air consumed in the air jet loom, and a controller equipped with a display. The controller causes the display to show a time series graph of the measured flow rate of compressed air together with a time series graph of a previously set upper limit flow rate of compressed air for the air jet loom.

IPC 8 full level

**D03D 47/30** (2006.01)

CPC (source: EP)

**D03D 47/3093** (2013.01)

Citation (applicant)

JP H02175956 A 19900709 - TSUDAKOMA IND CO LTD

Citation (search report)

- [X1] WO 2010046092 A1 20100429 - PICANOL NV [BE], et al
- [A] EP 0743384 A2 19961120 - TOYODA AUTOMATIC LOOM WORKS [JP]
- [A] JP 2002138346 A 20020514 - TOYOTA IND CORP
- [A] EP 1731645 A2 20061213 - SMIT S P A UNIPERSONALE [IT]

Cited by

EP3705611A1; CN117538088A; RU2675404C1; EP3705430A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2733243 A1 20140521; EP 2733243 B1 20181212**; CN 103820921 A 20140528; CN 103820921 B 20160217; JP 2014101591 A 20140605; JP 5958296 B2 20160727

DOCDB simple family (application)

**EP 13190189 A 20131025**; CN 201310568853 A 20131115; JP 2012252489 A 20121116