

Title (en)

Method and apparatus for adjusting ejection position of auxiliary nozzle in air jet loom

Title (de)

Verfahren und Vorrichtung zur Einstellung der Ausstoßposition einer Hilfsdüse in einer Luftdüsenwebmaschine

Title (fr)

Procédé et appareil de réglage de position d'éjection de buse auxiliaire dans un métier à tisser à jet d'air

Publication

**EP 2535446 A3 20160907 (EN)**

Application

**EP 12004035 A 20120524**

Priority

JP 2011131287 A 20110613

Abstract (en)

[origin: EP2535446A2] In an air jet loom which includes a plurality of auxiliary nozzles including a plurality of sub-nozzles (22) arranged along a weft insertion path and which performs a weaving operation that involves a change in a weaving state, a method for adjusting an ejection position of an auxiliary nozzle includes the step of setting at least one of the auxiliary nozzles as an adjustment target and allowing an ejection position of the auxiliary nozzle set as the adjustment target to be adjusted by an actuator, and the step of adjusting the ejection position of the auxiliary nozzle set as the adjustment target in response to the change in the weaving state during the weaving operation.

IPC 8 full level

**D03D 47/30** (2006.01)

CPC (source: EP)

**D03D 47/304** (2013.01)

Citation (search report)

- [XDI] JP H0226958 A 19900129 - NISSAN MOTOR
- [A] GB 2060720 A 19810507 - RUETI TE STRAKE BV
- [A] JP S5390663 U 19780725
- [A] JP H06257034 A 19940913 - TOYOTA CENTRAL RES & DEV, et al

Cited by

WO2020147512A1; CN112553751A; CZ307028B6; CN109457371A; CN105063864A; CN108717282A; CN109750410A; DE102023206380B3

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Designated extension state (EPC)

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DOCDB simple family (publication)

**EP 2535446 A2 20121219; EP 2535446 A3 20160907; EP 2535446 B1 20210929;** EP 3196345 A1 20170726; EP 3196345 B1 20180815; JP 2013002007 A 20130107; JP 5836653 B2 20151224

DOCDB simple family (application)

**EP 12004035 A 20120524;** EP 17000362 A 20120524; JP 2011131287 A 20110613