

Title (en)

Control unit for air supply in a relay nozzle of an air jet weaving loom

Title (de)

Steuereinheit für die Luftversorgung in einer Relaisdüse einer Luftdüsenwebmaschine

Title (fr)

Unité de contrôle pour alimentation en air dans une buse de relais d'une machine à tisser à jet d'air

Publication

**EP 2345756 A1 20110720 (EN)**

Application

**EP 10150932 A 20100118**

Priority

EP 10150932 A 20100118

Abstract (en)

A control valve unit for air pressure adjustment and air delivery to a relay nozzle in an air jet loom is disclosed. The unit comprises an air inlet (4) and an internal conveying chamber (5) upstream of a delivery duct (7) to a relay nozzle, wherein between said conveying chamber (5) and said delivery duct (7) there are provided at least two calibrated conduits (5a, 5b, 105a, 105b) having different diameter and it further comprises at least shut on/off means suited to close said delivery duct (7) or said calibrated conduits (5a, 5b, 105a, 105b) and pressure adjusting means suited to alternatively close said calibrated conduits (5a, 5b, 105a, 105b).

IPC 8 full level

**D03D 47/30** (2006.01)

CPC (source: EP)

**D03D 47/306** (2013.01)

Citation (search report)

- [A] EP 1201805 A2 20020502 - TOYOTA JIDOSHOKKI KK [JP]
- [A] WO 2007057217 A1 20070524 - PICANOL NV [BE], et al

Cited by

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