

Title (en)

Pile-formation method and pile-formation device in cloth-shifting-type pile loom

Title (de)

Polbildungsverfahren und Polbildungsvorrichtung in Frottierwebmaschinen mit bewegbarem Tuch

Title (fr)

Procédé et dispositif de formation de poils dans les métiers pour tissu éponge du type à toile mobile

Publication

**EP 1634983 A3 20070801 (EN)**

Application

**EP 05018297 A 20050823**

Priority

JP 2004260644 A 20040908

Abstract (en)

[origin: EP1634983A2] In a cloth-shifting-type pile loom (1) that drives a take-up-side terry motion member (18) and a let-off-side terry motion member (7) individually with designated first and second electrical actuators (41, 42), respectively, the cloth-shifting-type pile loom (1) drives the first electrical actuator (41) and the second electrical actuator (42) in an asynchronous manner. A driving condition corresponding to each of a plurality of weaving conditions is set for at least one of the electrical actuators (41, 42) such that a magnitude of a difference in driving amounts between the electrical actuators (41, 42) varies depending on weaving operations performed under different weaving conditions. The driving condition of one of or each of the electrical actuators (41, 42) is changed when a weaving condition is switched to another weaving condition during a weaving operation.

IPC 8 full level

**D03D 39/22** (2006.01)

CPC (source: EP)

**D03D 39/223** (2013.01)

Citation (search report)

- [DXA] JP H0247334 A 19900216 - SULZER AG
- [DXA] JP H11172552 A 19990629 - TSUDAKOMA IND CO LTD

Cited by

CN102899783A; EP2551390A3

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**EP 1634983 A2 20060315; EP 1634983 A3 20070801**; CN 1746355 A 20060315; JP 2006077340 A 20060323

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