

Title (en)

Weft insertion control apparatus with weft indentifying facility for pile fabric weaving machine

Title (de)

Schusseintragskontrollvorrichtung mit Schussidentifikationsanlage für Frottierwebmaschine

Title (fr)

Dispositif de contrôle de l'insertion de trame avec installation pour l'identification de la trame pour métier à poil

Publication

EP 0878571 B1 20030528 (EN)

Application

EP 98105291 A 19980324

Priority

JP 12417597 A 19970514

Abstract (en)

[origin: EP0878571A1] A weft insertion control apparatus for a loom for weaving pile fabric which can easily identify whether a weft to be inserted is destined for a first loose picking, a second loose picking or a fast picking with high accuracy. The apparatus includes a weaving pattern setting unit (35) connected electrically to a loom control computer (Co). The weaving pattern setting unit (35) stores weaving pattern information to be supplied to the loom control computer (Co), which in turn transfers to a terry motion controller (C1) the weaving pattern information received from the weaving pattern setting unit (35). The terry motion controller (C1) is designed to control operation of a terry motion motor (28) on the basis of the weaving pattern information supplied from the loom control computer (Co). Pile weaving pattern information for each pick is composed of combined information (G1(N), n) of pile weaving pattern command information (G1(N)) and weft sequence information (n). <IMAGE>

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IPC 8 full level

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Cited by

CN103437045A; EP1876272A1; CN111455528A; EP1662029A3; EP1657332A3

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