

Title (en)
METHOD FOR MONITORING/ADJUSTING PRODUCTION IN A KNITTING MACHINE AND MONITORING/ADJUSTING DEVICE THEREFOR

Title (de)
VERFAHREN ZUR PRODUKTIONSÜBERWACHUNG/EINSTELLUNG EINER STRICKMASCHINE, UND PRODUKTIONSÜBERWACHUNGS/
EINSTELLUNGS-VORRICHTUNG

Title (fr)
PROCEDE DE REGLAGE/SURVEILLANCE DE PRODUCTION D'UN METIER A TRICOTER CIRCULAIRE ET DISPOSITIF DE REGLAGE/
SURVEILLANCE DE PRODUCTION

Publication
EP 1370720 B1 20061102 (DE)

Application
EP 02730006 A 20020313

Priority
• DE 10112795 A 20010316
• EP 0202787 W 20020313

Abstract (en)
[origin: DE10112795A1] In a knitwear manufacturing process to monitor the consumption of yarn from different sources, the yarn feeds to active knitting systems (1-2) from several non-positive supply units (S,E,R) using two different feed systems. The individual yarn measure (m1-mn) is continually monitored using rotational signals (S1-Sn) measured at the supply units (S,E,R). Also claimed is an assembly which compares the individually measured quantities of yarn (m1-mn) with corresponding target values (m1'-mn') derived from a masterpiece. The information is used to adjust machine settings within pre-defined tolerance settings matched to the yarn quality parameters. The information is presented at a computer interface with process control panel. The computer holds hosiery production data relating to the different types of yarn and supply processes.

IPC 8 full level
D04B 35/12 (2006.01); **D04B 15/38** (2006.01); **D04B 15/66** (2006.01)

CPC (source: EP KR US)
D04B 15/38 (2013.01 - EP US); **D04B 15/99** (2013.01 - EP US); **D04B 35/12** (2013.01 - EP KR US)

Cited by
EP2857567A1; DE102013110988A1; EP3075690A1; DE102015104903B3; DE102012103535B3; DE102013110988B4; DE102012025607A1

Designated contracting state (EPC)
DE IT TR

DOCDB simple family (publication)
DE 10112795 A1 20020926; CN 100408745 C 20080806; CN 1503862 A 20040609; DE 50208598 D1 20061214; EP 1370720 A1 20031217; EP 1370720 B1 20061102; KR 100536624 B1 20051214; KR 20040007467 A 20040124; TW 517037 B 20030111; US 2004154339 A1 20040812; US 6832496 B2 20041221; WO 02081801 A1 20021017

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