

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 A1 20031217 (DE)**

Application  
**EP 02730006 A 20020313**

Priority  
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• 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 1-7  
**D04B 35/12**; **D04B 15/38**

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

Citation (search report)  
See references of WO 02081801A1

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

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DOCDB simple family (publication)  
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DOCDB simple family (application)  
**DE 10112795 A 20010316**; CN 02808306 A 20020313; DE 50208598 T 20020313; EP 0202787 W 20020313; EP 02730006 A 20020313; KR 20037012109 A 20030916; TW 91104991 A 20020315; US 47231004 A 20040217