

Title (en)
Circular knitting machine

Title (de)
Rundstrickmaschine

Title (fr)
Machine à tricoter circulaire

Publication
EP 2149630 B1 20140312 (EN)

Application
EP 08161484 A 20080730

Priority
EP 08161484 A 20080730

Abstract (en)
[origin: EP2149630A1] Method for controlling the rotation of a lower cylinder (2) and a upper coaxial counter part (3) of a circular knitting machine, method comprising the steps of: - driving with a first electric motor (M 1)the rotation of the lower cylinder (2), - driving with a second electric motor (M 2) the rotation of the upper counterpart (3), - detecting the angular position ($\tilde{O} 1$) of the lower cylinder (3), - detecting the angular position ($\tilde{O} 1$) of the upper counter part, - controlling electronically the rotation of the first (M 1) and second (M 2) motors by determining of a first set-point S 1 for the first motor and a second set-point S 2 for the second motor according to: - the main set-point S provided by the knitting program, - the difference between the detected position $\tilde{O} 1$ of the lower cylinder and the detected position $\tilde{O} 2$ of the upper counter part, - and eventually the desired phase shift $\frac{3}{4}$ between the lower cylinder and the upper counter part provided by the knitting program. Knitting machine implementing such method.

IPC 8 full level
D04B 15/94 (2006.01)

CPC (source: EP)
D04B 15/94 (2013.01); **D04B 15/99** (2013.01)

Cited by
CN107942658A; CZ303578B6

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