

Title (en)  
A METHOD OF KNITTING A GARMENT WITH A PLURALITY OF CARRIAGES

Publication  
**EP 0470789 A3 19920520 (EN)**

Application  
**EP 91307163 A 19910805**

Priority  
JP 20839490 A 19900806

Abstract (en)  
[origin: EP0470789A2] A method of knitting a garment uses a plurality of carriages (1, 2, 3), different portions of the garment being knitted with the corresponding carriages at approximately the same time. The moving distance of the carriages is shorter and thus, the duration of knitting a given portion will be reduced. As the result, the productivity in fabrication of garment per hour will be much increased. Also, a plurality of discrete carriages for knitting different shapes of fabrics are used thus becoming smaller in the size. Hence, the needle bed of a flat knitting machine (8) on which the carriages travel will be decreased in the overall width because the space for accepting the carriages when they are not in use and off their working ranges is minimized. <IMAGE>

IPC 1-7  
**D04B 1/24**

IPC 8 full level  
**D04B 1/00** (2006.01); **D04B 1/24** (2006.01); **D04B 7/32** (2006.01); **D04B 15/96** (2006.01)

CPC (source: EP KR)  
**D04B 1/106** (2013.01 - EP); **D04B 1/126** (2013.01 - EP); **D04B 1/246** (2013.01 - EP); **D04B 7/26** (2013.01 - EP); **D04B 15/36** (2013.01 - KR); **D04B 15/96** (2013.01 - EP); **D10B 2403/032** (2013.01 - EP)

Citation (search report)  
• [APD] US 5014524 A 19910514 - SMILOVICI ADRIAN [US]  
• [A] GB 2163185 A 19860219 - SCHIEBER UNIVERSAL MASCHF  
• [A] GB 2180266 A 19870325 - STOLL & CO H  
• [A] L' INDUSTRIE TEXTILE no. 34, May 1988, PARIS pages 233 - 234; 'FACONNAGE EN RECTILIGNE'

Cited by  
DE19653315A1; DE19743074A1; EP1057913A1; EP0867547A3; DE4228408A1; CN104933217A; CN109804111A; CN115125651A; DE19704646A1; DE19704646B4; EP0857800A3; EP4101963A1; CN115467075A; US6581417B2; WO0157299A1; US10349702B2; EP3894621A1; WO2018049007A1

Designated contracting state (EPC)  
CH DE ES FR GB IT LI

DOCDB simple family (publication)  
**EP 0470789 A2 19920212; EP 0470789 A3 19920520; EP 0470789 B1 19950621;** DE 69110571 D1 19950727; DE 69110571 T2 19951221; ES 2074231 T3 19950901; JP H0491260 A 19920324; JP H0819606 B2 19960228; KR 0185704 B1 19991001; KR 920004633 A 19920327

DOCDB simple family (application)  
**EP 91307163 A 19910805;** DE 69110571 T 19910805; ES 91307163 T 19910805; JP 20839490 A 19900806; KR 910012983 A 19910727