

Title (en)
Knit design apparatus

Title (de)
Strickdesignvorrichtung

Title (fr)
Appareil de conception d'étoffe

Publication
EP 2492382 A3 20140101 (EN)

Application
EP 12001290 A 20120227

Priority
JP 2011042034 A 20110228

Abstract (en)
[origin: EP2492382A2] In a course in which a cam system (C1) on the front side in the travelling direction of a carriage (34) of a flat knitting machine (32) knits a first knitted fabric (A) on the rear side in the travelling direction with respect to the boundary between intarsia pattern portions and a cam system (C2) on the rear side in the travelling direction knits a second knitted fabric (B) on the front side in the travelling direction with respect to the boundary, a knit design apparatus (2) detects from knitting data a stitch that is at an end of the first knitted fabric (A) and that projects further to the front side in the travelling direction than a course knitted immediately before, as a first stitch (K3-2, 45). In a case where the first stitch (K3-2, 45) is detected, a second stitch (46) in the second knitted fabric (B) positioned one course below the first stitch (K3-2, 45) is replaced by a miss stitch.

IPC 8 full level
D04B 7/26 (2006.01); **D04B 1/12** (2006.01); **D04B 37/02** (2006.01)

CPC (source: EP)
D04B 1/126 (2013.01); **D04B 7/26** (2013.01); **D04B 37/02** (2013.01)

Citation (search report)
• [A] EP 1403409 A1 20040331 - SHIMA SEIKI MFG [JP]
• [A] EP 1462555 A1 20040929 - SHIMA SEIKI MFG [JP]
• [A] DE 2730306 A1 19790125 - H STOLL GMBH & CO FA

Cited by
CN104153111A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2492382 A2 20120829; EP 2492382 A3 20140101; EP 2492382 B1 20150325; CN 102677388 A 20120919; CN 102677388 B 20150729; JP 2012180600 A 20120920; JP 5757751 B2 20150729

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EP 12001290 A 20120227; CN 201210045979 A 20120224; JP 2011042034 A 20110228