

Title (en)  
PROCESS FOR PRODUCING KNITTED LACE

Title (de)  
HERSTELLUNGSVERFAHREN FÜR EIN MASCHENSPITZENBAND

Title (fr)  
PROCÉDÉ DE PRODUCTION D'UNE DENTELLE TRICOTÉE

Publication  
**EP 2039826 B1 20141112 (EN)**

Application  
**EP 07806533 A 20070831**

Priority  
• JP 2007067060 W 20070831  
• JP 2007086052 A 20070328

Abstract (en)  
[origin: EP2039826A1] The invention relates to a knitted lace fabric capable of suppressing deterioration in a sense of beauty and preventing fray of a yarn, and a method of manufacturing the same. A knitted lace fabric 120 obtained after a knitting operation is heated to a temperature which is lower than a melting temperature of a chain stitch yarn 21 and is equal to or higher than a melting temperature of a thermal bonding yarn 23 so that a part of the thermal bonding yarn 23 is partially dissolved. A part of the dissolved portion sticks to the chain stitch yarn 21 and an inserting yarn 22. Consequently, a coupling state of the yarns 21 to 23 is maintained so that the fray of the yarn can be prevented. By breaking the thermal bonding yarn 23, furthermore, it is possible to form a fused portion 100. Also in the case in which a part of the chain stitch yarn 21 constituting a chain stitch structure is divided, accordingly, fray of the chain stitch structure can be inhibited in a bonding portion of the thermal bonding yarn 23 and the fray of the chain stitch structure can be suppressed beyond the bonding portion.

IPC 8 full level  
**D04B 21/12** (2006.01); **D06H 7/16** (2006.01)

CPC (source: EP KR)  
**D04B 21/12** (2013.01 - EP); **D04B 21/16** (2013.01 - EP); **D04B 31/00** (2013.01 - KR); **D06H 7/16** (2013.01 - EP); **D10B 2401/041** (2013.01 - EP)

Cited by  
EP3916141A4

Designated contracting state (EPC)  
DE FR IT

DOCDB simple family (publication)  
**EP 2039826 A1 20090325; EP 2039826 A4 20130612; EP 2039826 B1 20141112**; CN 101426971 A 20090506; CN 101426971 B 20110112; JP 2008240211 A 20081009; JP 2009013554 A 20090122; JP 5044463 B2 20121010; KR 101057973 B1 20110819; KR 20080105153 A 20081203; TW 200839048 A 20081001; TW I352757 B 20111121; WO 2008120407 A1 20081009

DOCDB simple family (application)  
**EP 07806533 A 20070831**; CN 200780013912 A 20070831; JP 2007067060 W 20070831; JP 2007086052 A 20070328; JP 2008082241 A 20080326; KR 20087024716 A 20070831; TW 96132673 A 20070831