

Title (en)
JOINT FOR TWO YARN ENDS

Title (de)
VERBINDUNGSSTELLE VON ZWEI GARNENDEN

Title (fr)
JONCTION DE DEUX EXTREMITES DE FIL

Publication
EP 1419099 A1 20040519 (DE)

Application
EP 02774519 A 20020816

Priority
• DE 10140488 A 20010817
• EP 0209187 W 20020816

Abstract (en)
[origin: WO03016190A1] The invention relates to a joint for two yarn ends, whereby the yarn ends are joined, facing each other, without diameter increase over a yarn length by means of at least one longitudinal tape. Said longitudinal tape comprises a joint means on the side thereof facing the yarn ends. The joint means permanently binds said yarn ends to the longitudinal tape over the corresponding yarn length by frictional engagement.

IPC 1-7
B65H 69/02; **D03J 1/18**

IPC 8 full level
D06H 5/00 (2006.01); **B65H 69/00** (2006.01); **B65H 69/02** (2006.01); **B65H 69/04** (2006.01); **B65H 69/06** (2006.01); **D03J 1/16** (2006.01); **D03J 1/18** (2006.01)

CPC (source: EP US)
B65H 69/02 (2013.01 - EP US); **B65H 69/06** (2013.01 - EP US); **D03J 1/16** (2013.01 - EP US); **D03J 1/18** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US); **Y10T 428/2913** (2015.01 - EP US); **Y10T 428/2933** (2015.01 - EP US); **Y10T 428/2976** (2015.01 - EP US)

Citation (search report)
See references of WO 03016190A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
WO 03016190 A1 20030227; CN 1543424 A 20041103; DE 10140488 A1 20030227; EP 1419099 A1 20040519; JP 2005500226 A 20050106; US 2004200047 A1 20041014; US 6872448 B2 20050329

DOCDB simple family (application)
EP 0209187 W 20020816; CN 02815953 A 20020816; DE 10140488 A 20010817; EP 02774519 A 20020816; JP 2003521129 A 20020816; US 48671804 A 20040302