

Title (en)  
YARN PROCESSING DEVICE AND USE THEREOF

Title (de)  
GARNBEHANDLUNGSEINRICHTUNG SOWIE VERWENDUNG DERSELBEN

Title (fr)  
DISPOSITIF DE TRAITEMENT DES FILS ET SON UTILISATION

Publication  
**EP 1060302 B1 20020605 (DE)**

Application  
**EP 99904683 A 19990303**

Priority  
• CH 9900097 W 19990303  
• CH 49998 A 19980303

Abstract (en)  
[origin: US6564438B1] A method and machine for treating yarn may include feeding the yarn through both a heat treatment and an air jet texturing nozzle. The texturing nozzle may be supplied with compressed air, producing an air jet with a speed greater than Mach 1 in the yarn channel. The heat treatment may be performed before and/or after feeding the yarn through the texturing nozzle.

IPC 1-7  
**D02J 13/00**

IPC 8 full level  
**D02J 13/00** (2006.01); **D02G 1/16** (2006.01); **D02J 1/00** (2006.01); **D02J 1/08** (2006.01)

CPC (source: EP KR US)  
**D02G 1/162** (2013.01 - EP US); **D02J 13/00** (2013.01 - KR)

Cited by  
US7260875B2; EP2886690B1

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

DOCDB simple family (publication)  
**US 6564438 B1 20030520**; CN 1099479 C 20030122; CN 1158417 C 20040721; CN 1292046 A 20010418; CN 1292048 A 20010418; DE 59900828 D1 20020321; DE 59901629 D1 20020711; DK 1058745 T3 20020527; EP 1058745 A1 20001213; EP 1058745 B1 20020206; EP 1060302 A1 20001220; EP 1060302 B1 20020605; EP 1060302 B2 20050608; EP 1060302 B9 20050727; ES 2171072 T3 20020816; ES 2177230 T3 20021201; ES 2177230 T5 20051116; ID 26561 A 20010118; ID 28238 A 20010510; JP 2002506130 A 20020226; JP 2002506131 A 20020226; JP 3684154 B2 20050817; KR 100442957 B1 20040804; KR 20010034524 A 20010425; KR 20010041281 A 20010515; RU 2000124934 A 20040120; RU 2175695 C1 20011110; RU 2208071 C2 20030710; TW 449627 B 20010811; TW 538153 B 20030621; US 6609278 B1 20030826

DOCDB simple family (application)  
**US 62339400 A 20001107**; CN 99803532 A 19990303; CN 99803533 A 19990303; DE 59900828 T 19990303; DE 59901629 T 19990303; DK 99904684 T 19990303; EP 99904683 A 19990303; EP 99904684 A 19990303; ES 99904683 T 19990303; ES 99904684 T 19990303; ID 20001672 A 19990303; ID 20001673 A 19990303; JP 2000534709 A 19990303; JP 2000534711 A 19990303; KR 20007009256 A 20000822; KR 20007009380 A 20000824; RU 2000124932 A 19990303; RU 2000124934 A 19990303; TW 88103146 A 19990302; TW 88103147 A 19990302; US 62339600 A 20001117