

Title (en)  
YARN

Publication  
**EP 0432439 A3 19911218 (DE)**

Application  
**EP 90121091 A 19901103**

Priority  
DE 3941087 A 19891213

Abstract (en)  
[origin: EP0432439A2] The invention concerns a yarn for producing an industrial woven fabric, knitted fabric or the like on the basis of carbon, glass, aramid, ceramic fibres or the like, and proposes, for the purpose of achieving improved formability in respect of a woven fabric formed from said fibres without incurring weaving or strength disadvantages, that the fibres are staple fibres (2) grouped together by a releasable wrapping thread (3).  
<IMAGE>

IPC 1-7  
**D02G 3/16**; **D02G 3/38**

IPC 8 full level  
**D02G 3/16** (2006.01); **D02G 3/38** (2006.01); **D02G 3/40** (2006.01)

CPC (source: EP)  
**D02G 3/16** (2013.01); **D02G 3/38** (2013.01); **D02G 3/406** (2013.01)

Citation (search report)

- [Y] GB 2021660 A 19791205 - TBA INDUSTRIAL PRODUCTS LTD
- [Y] EP 0028920 A1 19810520 - SCHWARTZ IRA
- [A] US 3857229 A 19741231 - MARZOCCHI A
- [A] EP 0018523 A1 19801112 - TEIJIN LTD [JP]
- [XP] PATENT ABSTRACTS OF JAPAN vol. 014, no. 509 (C-0776)7. November 1990 & JP-A-02 210 036 ( GUNZE LTD ) 21. August 1990
- [A] JAPANESE PATENTS GAZETTE Section Ch, Week 8720, Derwent Publications Ltd., London, GB; Class A, AN 87-13962& JP-A-62 078 229 (MITSUBUSHI RAYON K.K.) 10. April 1987

Cited by  
EP1452634A1; NL1032876C2; FR2734581A1; US6051313A; CN1069357C; EP1805085A4; US9694516B2; US8182886B2; WO2008060143A1; WO2007010053A1; US6228786B1; WO9637646A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0432439 A2 19910619**; **EP 0432439 A3 19911218**; CA 2031968 A1 19910614; DE 3941087 A1 19910801; IL 96563 A0 19910916; JP H03185134 A 19910813

DOCDB simple family (application)  
**EP 90121091 A 19901103**; CA 2031968 A 19901211; DE 3941087 A 19891213; IL 9656390 A 19901205; JP 30897090 A 19901116