Title (en)

Process for manufacturing cotton warp yarns with an "inverse denim " effect.

Title (de)

Verfahren zur Herstellung von Baumwollkettgarnen mit "Invers Denim" Effekt

Title (fr)

Procédé pour fabriquer des fils de chaine présentant un effet denim inversé.

Publication

EP 1498541 A3 20060125 (DE)

Application

EP 04015733 A 20040703

Priority

DE 10332164 A 20030715

Abstract (en)

[origin: EP1498541A2] Production of cotton warp yarns with an 'inverse denim' effect involves: (i) throughly dyeing using indigo (I) in an indigo dyeing apparatus at 30-90[deg]C and a (I) concentration of 5-500 g/l in a single dip; and (ii) selectively decolorizing the (I) at the surface of the yarn in a subsequent bleaching step. An independent claim is included for textile articles containing yarns dyed by the process.

IPC 8 full level

D06B 3/06 (2006.01); **D06P 5/15** (2006.01); **D03D 15/00** (2006.01); **D03D 15/02** (2006.01); **D06L 3/02** (2006.01); **D06L 4/30** (2017.01); **D06M 10/00** (2006.01); **D06P 1/00** (2006.01); **D06P 1/22** (2006.01); **D06P 1/44** (2006.01); **D06P 3/60** (2006.01); **D06P 5/13** (2006.01)

CPC (source: EP KR US)

D06B 1/00 (2013.01 - KR); **D06P 1/22** (2013.01 - EP US); **D06P 1/228** (2013.01 - KR); **D06P 5/153** (2013.01 - EP US); **D06P 5/155** (2013.01 - EP US); **D06P 5/156** (2013.01 - EP US)

Citation (search report)
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- [DY] EP 1097184 B1 20020327 - DYSTAR TEXTILFARBEN GMBH & CO [DE]
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1498541 A2 20050119; **EP 1498541 A3 20060125**; BR PI0402763 A 20050524; CN 1576452 A 20050209; DE 10332164 A1 20050217; JP 2005036384 A 20050210; KR 20050008505 A 20050121; MX PA04006794 A 20050323; TW 200506137 A 20050216; US 2005011013 A1 20050120

DOCDB simple family (application)

EP 04015733 A 20040703; BR PI0402763 A 20040713; CN 200410063657 A 20040713; DE 10332164 A 20030715; JP 2004207806 A 20040714; KR 20040054674 A 20040714; MX PA04006794 A 20040713; TW 93120871 A 20040713; US 88920904 A 20040726