

Title (en)
Yarn guide

Title (de)
Fadenführer

Title (fr)
Guide-fil

Publication
EP 1630269 A3 20070103 (DE)

Application
EP 05015052 A 20050712

Priority
DE 102004041772 A 20040828

Abstract (en)
[origin: EP1630269A2] A yarn guide (11) for separating commonly supplied individual yarns before twisting to a multiple yarn, with yarn guide roses arranged symmetrically around the spindle hole axis and having an assigned individual yarn, has at least two groups of slit-form guide roses (8,9; 19,20,21) with differing numbers of roses. Each group is provided with a common feed of the appropriate number of individual yarns, and the groups have characteristics (specifically different colors) to aid in the supply of the individual yarns to the correct group.

IPC 8 full level
D02G 3/28 (2006.01); **B65H 57/16** (2006.01); **D01H 13/04** (2006.01)

CPC (source: EP)
B65H 57/06 (2013.01); **B65H 57/16** (2013.01); **D01H 7/86** (2013.01); **D01H 13/08** (2013.01); **D02G 3/28** (2013.01); **D02G 3/285** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

- [A] GB 519834 A 19400408 - FAIRBAIRN LAWSON COMBE BARBOUR, et al
- [A] JP S59100725 A 19840611 - TEIJIN LTD, et al
- [A] BE 412915 A
- [A] US 1935476 A 19331114 - MADDEN JESSE F
- [A] DE 2544644 A1 19770407 - SAURER ALLMA GMBH

Cited by
CN108642634A; CN108861845A

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1630269 A2 20060301; **EP 1630269 A3 20070103**; **EP 1630269 B1 20080917**; CN 1740416 A 20060301; CN 1740416 B 20100616; DE 102004041772 A1 20060302

DOCDB simple family (application)
EP 05015052 A 20050712; CN 200510095957 A 20050826; DE 102004041772 A 20040828