

Title (en)

METHOD AND APPARATUS FOR PRODUCING A CORE YARN, AND CORE YARN PRODUCED BY THIS METHOD

Publication

EP 0279008 B1 19910123 (DE)

Application

EP 87102444 A 19870220

Priority

EP 87102444 A 19870220

Abstract (en)

[origin: EP0279008A1] A method for producing a core yarn where a first yarn component is withdrawn overhead from a rotating bobbin on a hollow spindle and is brought together, at a combining point which lies in the extension of the bobbin axis, with a second yarn component which is fed axially through the hollow spindle is characterised in that the first yarn component is a spin-twisted staple fibre yarn whose spin twist is detwisted depending on the direction of rotation of the bobbin, and in that the second yarn component is preferably an essentially twistless yarn, preferably a filament yarn. A device for preventing the detwisting of the staple fibre yarn, attached concentrically to the hollow axis, prevents the first, staple fibre yarn from prematurely losing its strength. The untwisting process is limited to a zone which lies just below the point where the two yarn components are combined, and extends over less than a staple length of the staple fibre yarn. This produces a high-bulk core yarn which has good textile characteristics and is suitable for use as a pile yarn in carpet or floor covering manufacture.

IPC 1-7

D02G 3/26; **D02G 3/36**

IPC 8 full level

D02G 3/26 (2006.01); **D02G 3/36** (2006.01)

CPC (source: EP)

D02G 3/26 (2013.01); **D02G 3/283** (2013.01)

Cited by

IT201700042999A1; GB2252106A; CN115449944A; CN113718382A; CN113737348A; WO2018193296A1

Designated contracting state (EPC)

BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0279008 A1 19880824; **EP 0279008 B1 19910123**; DE 3767706 D1 19910228

DOCDB simple family (application)

EP 87102444 A 19870220; DE 3767706 T 19870220