

Title (en)  
METHOD AND TUBE FOR FIXING AND DYEING YARN

Publication  
**EP 0233365 B1 19920318 (DE)**

Application  
**EP 86117818 A 19861219**

Priority  
DE 3546085 A 19851224

Abstract (en)  
[origin: EP0233365A2] In a process for setting, in particular dyeing, yarn, the yarn is wound onto axially compressible and/or telescopic centres (2; 25; 43). This produces yarn rolls (3) whose axial length is in each case less than the axial length of the centres (2; 25; 43). The yarn-bearing centres (2; 25; 43) (bobbins) are then placed on top of one another to form a column. The centres (2; 25; 43) and the yarn rolls (3) are simultaneously and axially compressed. Then a setting medium, for example a dyeing liquor, is passed through the roll (3). It is also provided that the annular clearances resulting on superposing the centres (2; 25; 43) between adjacent yarn rolls and at the end faces (5, 6) of the two outermost centres (2; 25; 43) are filled essentially pressure-tight before the compressive force is applied. There is also provided a centre system which comprises discoid spacers (8; 13, 16; 20; 30; 34, 35; 54) which overlap the centres (2; 25; 43) beyond the length of the end areas left free by the particular roll (3) and have a recess (10; 21; 32; 55) adapted to the diameter of these end areas. The outer diameter of the spacers (8; 13, 16; 20; 30; 34, 35; 54) is equal to or greater than the outer diameter of the yarn rolls (3).

IPC 1-7  
**D06B 5/16; D06B 23/04**

IPC 8 full level  
**D06B 5/16** (2006.01); **D06B 23/04** (2006.01)

CPC (source: EP)  
**D06B 23/042** (2013.01)

Cited by  
AT410661B; US5577677A; FR2659309A1; DE3900549C2; US5746073A; US5617748A; EP1244835B2

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**EP 0233365 A2 19870826; EP 0233365 A3 19880525; EP 0233365 B1 19920318**; AT E73874 T1 19920415; DE 3684450 D1 19920423; ES 2030659 T3 19921116; GR 3004965 T3 19930428

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