

Title (en)

PROCESS FOR STRENGTHENING AND/OR TWISTING A ROVING WOUND WITH LOW TENSION

Publication

**EP 0444419 A3 19911127 (DE)**

Application

**EP 91101012 A 19910126**

Priority

DE 4005788 A 19900226

Abstract (en)

[origin: EP0444419A2] A process for strengthening and/or twisting a low-strength roving wound with low yarn tension on a bobbin tube to form a yarn roll is characterised in that (a) the yarn roll is inserted together with the bobbin tube into a spindle pot (b) the spindle pot is set in rotation (c) the bobbin tube is subsequently drawn out of the yarn roll, and then (d) the roving is drawn off from the inner cylindrical surface of the yarn roll and wound to form a bobbin or twist bobbin. <IMAGE>

IPC 1-7

**D01H 1/10**

IPC 8 full level

**D01H 7/02** (2006.01); **D01H 1/08** (2006.01); **D01H 1/10** (2006.01); **D01H 7/86** (2006.01)

CPC (source: EP US)

**D01H 1/106** (2013.01 - EP US)

Citation (search report)

- [A] US 3466864 A 19690916 - SMITH ROY E
- [A] DE 1140497 B 19621129 - LUDWIG ALTHOF
- [A] DE 3728213 A1 19880310 - HAMEL AG [CH]

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 0444419 A2 19910904; EP 0444419 A3 19911127; EP 0444419 B1 19941117;** CS 9100498 A2 19910915; CZ 279388 B6 19950412; DE 4005788 A1 19910829; DE 59103517 D1 19941222; JP H04214426 A 19920805; US 5170607 A 19921215

DOCDB simple family (application)

**EP 91101012 A 19910126;** CS 49891 A 19910226; DE 4005788 A 19900226; DE 59103517 T 19910126; JP 2615091 A 19910220; US 66052391 A 19910225