

Title (en)

Method for monitoring waxing of a moving yarn

Title (de)

Verfahren zur Überwachung des Paraffinauftrags auf einen laufenden Faden

Title (fr)

Procédé pour surveiller le paraffinage d'un fil en mouvement

Publication

EP 0943575 A3 20000510 (DE)

Application

EP 98121067 A 19981106

Priority

DE 19757009 A 19971220

Abstract (en)

[origin: DE19757009A1] To monitor the paraffin coating applied to a running yarn, at the winder for cross-wound bobbins, the friction behavior is monitored at the surface of the bobbin against the friction drum during bobbin winding. Proportional values for the friction are determined by a continuous measurement of the angular speeds of the friction drum and the bobbin, for comparison with anticipated values during a bobbin winding cycle. Significant deviations are registered as a faulty paraffin application.

IPC 1-7

B65H 71/00

IPC 8 full level

B65H 63/00 (2006.01); **B65H 71/00** (2006.01)

CPC (source: EP US)

B65H 63/00 (2013.01 - EP US); **B65H 71/00** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US)

Citation (search report)

- [DA] DE 19547870 A1 19970626 - SCHLAFHORST & CO W [DE]
- [A] DE 3703869 A1 19880818 - SCHLAFHORST & CO W [DE]
- [A] EP 0399243 A2 19901128 - SCHLAFHORST & CO W [DE]

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 19757009 A1 19990624; DE 59808452 D1 20030626; EP 0943575 A2 19990922; EP 0943575 A3 20000510; EP 0943575 B1 20030521; JP H11240674 A 19990907; US 6039282 A 20000321

DOCDB simple family (application)

DE 19757009 A 19971220; DE 59808452 T 19981106; EP 98121067 A 19981106; JP 36351798 A 19981221; US 21700798 A 19981221