Title (en)
Spinning method and spun yarn

Title (de)
Spinnverfahren und gesponnenes Garn

Title (fr)
Procédé de filage et fil tissé

Publication
EP 2730695 B1 20150401 (EN)

Application
EP 13192152 A 20131108

Priority
JP 2012247049 A 20121109

Abstract (en)
[origin: EP2730695A1] A spinning method using a whirling air spinning machine enables successful operation under high-speed spinning conditions with scum accumulation suppressed to a good extent. Spun yarns obtained with the spinning method are also provided. A fiber-processing agent having a kinetic viscosity at 30°C of 1 x 10 -6 to 100 x 10 -6 m 2 /s is mixed with compressed air in a whirling air spinning machine and is sprayed on fibers in said spinning method using the whirling air spinning machine, wherein the said fiber-processing agent comprises one, two or more of the following lubricant (A), the following lubricant (B) and the following lubricant (C). Lubricant (A) is an aliphatic ester compound of carbon number 5-70; Lubricant (B) is a linear polyorganosiloxane having a kinetic viscosity at 30°C of 5 x 10 -6 to 100 x 10 -6 m 2 /s; and Lubricant (C) is a mineral oil having a kinetic viscosity at 30°C of 5 x 10 -6 to 100 x 10 -6 m 2 /s.

IPC 8 full level
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CPC (source: EP)
D01H 1/115 (2013.01); **D06M 13/02** (2013.01); **D06M 13/224** (2013.01); **D06M 15/643** (2013.01); D06M 2200/40 (2013.01)

Cited by
EP4067541A1; US11359309B2; US11767618B2; EP4239113A1; LU501576B1

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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