

Title (en)

A SPINNING SYSTEM AND METHOD OF SPINNING PLAIN YARN OR FANCY YARN WITH SAID SPINNING SYSTEM

Title (de)

SPINNVERFAHREN UND VERFAHREN ZUM SPINNEN VON SCHLICHTEM GARN UND EFFEKTGARN MIT DEM BESAGTEN SPINNSYSTEM

Title (fr)

SYSTÈME DE FILAGE ET PROCÉDÉ DE FILAGE DE FIL SIMPLE OU DE FIL FANTAISIE AVEC LEDIT SYSTÈME DE FILAGE

Publication

EP 3696302 A1 20200819 (EN)

Application

EP 19382096 A 20190212

Priority

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Abstract (en)

Spinning system for a ring spinning machine comprising a drafting assembly having a first removable drafting roller (4) attached to a drafting frame (7) of said ring spinning machine in a forward position to be able to act at a spinning position (S1, S2) as a middle bottom drafting roller over an existing middle bottom drafting roller (12) of said spinning machine, a second removable drafting roller (5) attached to the said drafting frame (7) in a backward position with respect said first removable drafting roller (4) to be able to act at the said spinning position (S1, S2) as a back bottom drafting roller over an existing back bottom drafting roller (12) of said spinning machine, and a roving stop device comprises means (16, 17, 27, 28) for stopping movement of said first and second removable bottom drafting rollers (4, 5) upon breakage of yarn at the spinning position (S1, S2) of said first and second removable drafting rollers (4, 5).

IPC 8 full level

D01H 13/18 (2006.01); **D01H 1/22** (2006.01)

CPC (source: EP)

D01H 5/26 (2013.01); **D01H 5/88** (2013.01); **D01H 13/187** (2013.01); **D02G 3/34** (2013.01); **D01H 1/22** (2013.01)

Citation (applicant)

- US 4501114 A 19850226 - VON RONAI-HORVATH MICHAEL [DE], et al
- WO 2015033811 A1 20150312 - TOYOTA JIDOSHOKKI KK [JP]

Citation (search report)

- [IAY] FR 672351 A 19291227
- [YA] EP 3045576 A1 20160720 - TOYOTA JIDOSHOKKI KK [JP]
- [YDA] US 4501114 A 19850226 - VON RONAI-HORVATH MICHAEL [DE], et al
- [A] WO 2014012189 A1 20140123 - USTER TECHNOLOGIES AG [CH]
- [A] EP 3115488 A1 20170111 - TOYOTA JIDOSHOKKI KK [JP]
- [A] US 3341901 A 19670919 - SHINZO KITAMURA
- [A] FR 806061 A 19361207
- [A] JP S6269832 A 19870331 - MURATA MACHINERY LTD

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EP4095295A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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