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(71) Applicant: **Murata Machinery, Ltd.**
Minami-ku
Kyoto-shi
Kyoto 601-8326 (JP)

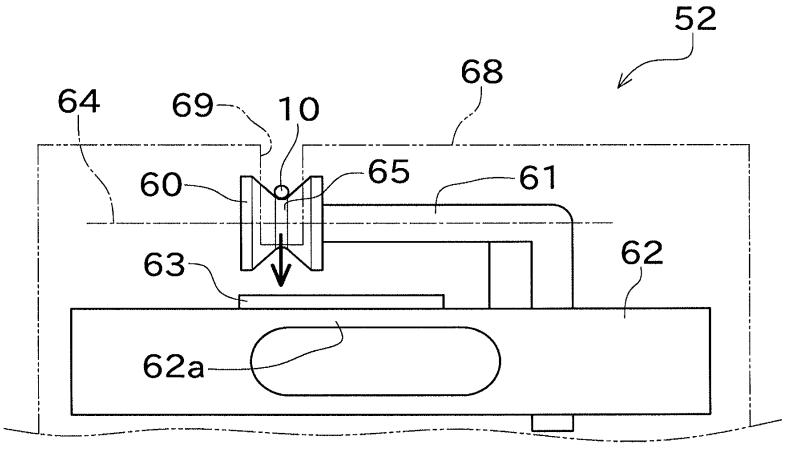
(72) Inventors:
- **Akimoto, Masahiro**
  Kyoto, 612-8686 (JP)
- **Oka, Masaki**
  Kyoto, 612-8686 (JP)

(74) Representative: **Stöckeler, Ferdinand et al**
Schoppe, Zimmermann, Stöckeler
Zinkler, Schenk & Partner mbB
Patentanwälte
Radlkoferstrasse 2
81373 München (DE)

(54) Spinning machine

(57) A spinning sensor (52) detects a tension of a spun yarn (10) travelling between a spinning device and a winding device. The spinning sensor (52) includes a yarn guide (60) making contact with the travelling spun yarn 10, and a strain sensor to output a signal according to a force applied to the yarn guide 60. The yarn guide 60 has a substantially arcuate cross-sectional contour at a cross section perpendicular to an axial line (64) at least at a portion making contact with the spun yarn (10). A direction parallel to a yarn path of the spun yarn (10) located upstream of the yarn guide (60) is a Y-axial direction. A direction parallel to an axial direction of a draft roller is an X-axial direction. A direction perpendicular to the Y-axial and the X-axial directions is a Z-axial direction. When viewed in the Z-axial direction, an axial line (64) of the yarn guide (60) is inclined with respect to the Y-axial direction.

FIG. 4



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EUROPEAN SEARCH REPORT

Application Number
EP 12 17 1517

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The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
Munich	1 April 2015	Hausding, Jan

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