

Title (en)
Yarn winding device and yarn winding method

Title (de)
Garnwicklungsvorrichtung und Garnwicklungsverfahren

Title (fr)
Dispositif d'enroulage et procédé d'enroulage

Publication
EP 2105399 A2 20090930 (EN)

Application
EP 09154191 A 20090303

Priority
JP 2008075396 A 20080324

Abstract (en)
An automatic winder includes a package driving motor (41) a traverse driving motor (45), and a traverse width reducing section (63). The traverse driving motor reciprocates a traverse guide (11) traversing a yarn (20) being wound around a winding bobbin (22) rotated by the package driving motor. The traverse width reducing section has a reduced-width constant mode and a reduced-width changing mode. In the reduced-width constant mode, the traverse width reducing section controls the traverse driving motor so that during the accelerating winding period, traversing is performed with a constant reduced traverse width that is smaller than a target traverse width based on an initial traverse width set via a setting device. In the reduced-width changing mode, the traverse width reducing section controls the traverse driving motor so that during the accelerating winding period, traversing is performed with a traverse width that increases continuously from the reduced traverse width as a winding speed increases. (Fig. 1)

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Citation (applicant)
• JP 2007210776 A 20070823 - MURATA MACHINERY LTD
• EP 0814045 A2 19971229 - MURATA MACHINERY LTD [JP]

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