

Title (en)  
Yarn winding device and textile machine including the same

Title (de)  
Garnwickelvorrichtung und Textilmaschine, die diese enthält

Title (fr)  
Dispositif de bobinage de fil et machine textile l'incluant

Publication  
**EP 2096070 A2 20090902 (EN)**

Application  
**EP 08021740 A 20081215**

Priority  
JP 2008047008 A 20080228

Abstract (en)  
An object of the present invention is to provide a technique for simplifying wiring in a yarn winding unit 2. The yarn winding unit 2 includes a winding unit main body 6 and a unit controller 7. The winding unit main body 6 includes a plurality of components to which at least a yarn supplying section 3, a yarn winding section 5, and a yarn splicing section 8 correspond. The yarn supplying section 3 supplies a yarn 4. The yarn winding section 5 winds the yarn 4 supplied from the yarn supplying section 3. The yarn splicing section 8 is provided between the yarn supplying section 3 and the yarn winding section 5 to splice the yarn 4. The unit controller 7 controls operation of the winding unit main body 6. At least one (3, 11, 12) of the plurality of components includes a motor (15, 36, 41). The winding unit includes a remote I/O board (3r, 11r, 12r). The remote I/O board (3r, 11r, 12r) is configured to be able to communicate with the unit controller 7. The remote I/O board (3r, 11r, 12r) receives a control signal from the unit controller 7 to control operation of the component (3, 11, 12) including the motor (15, 36, 41) based on the received instruction (Fig.1).

IPC 8 full level  
**B65H 54/22** (2006.01)

CPC (source: EP)  
**B65H 54/22** (2013.01); **B65H 2701/31** (2013.01)

Citation (applicant)  
JP 2003002540 A 20030108 - MURATA MACHINERY LTD

Cited by  
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