

Title (en)
Yarn winding device

Title (de)
Garnwicklungsvorrichtung

Title (fr)
Dispositif de renvideur de fil

Publication
EP 1947047 A1 20080723 (EN)

Application
EP 08007864 A 20070125

Priority
• EP 07001657 A 20070125
• JP 2006023318 A 20060131

Abstract (en)
The present invention improves the quality of a package (7) by preventing wrinkles in a yarn winding device which forms the package (7) by winding a supplied yarn (4) around a winding tube (6) while applying a tension to the yarn (4) by a tensioning device (30) and traversing the yarn (4) by a traversing device (5), wherein a traverse angle (,) is changed to avoid dangerous numbers of winds and the tensioning device (30) reduces tension when changing the traverse angle to the an increasing side and increases tension when changing the traverse angle to a reduced side,

IPC 8 full level
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Citation (applicant)
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• US 5676329 A 19971014 - BERTOLI LUCIANO [IT], et al
• US 6035667 A 20000314 - WATABE KENZO [JP], et al
• DE 19625513 A1 19980102 - SCHLAFHORST & CO W [DE]
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Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1813563 A2 20070801; EP 1813563 A3 20070822; EP 1813563 B1 20081119; DE 602007000245 D1 20090102;
DE 602007005450 D1 20100506; DE 602007005763 D1 20100520; EP 1947046 A1 20080723; EP 1947046 B1 20100324;
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