

Title (en)
BELT TYPE FALSE TWISTER

Title (de)
FALSCHDRALLGERÄT MIT RIEMEN

Title (fr)
MACHINE DE FAUSSE TORSION À COURROIES

Publication
EP 2325356 B1 20121219 (EN)

Application
EP 09812999 A 20090827

Priority
• JP 2009064915 W 20090827
• JP 2008234266 A 20080912

Abstract (en)
[origin: EP2325356A1] The present invention provides a technique for further stabilizing an unwinding point relative to a belt crossing portion, while simultaneously making a device compact. A belt type false twist device 111 nips and twists yarn Y by allowing a reference belt 1 and a movable belt 2 to travel so as to cross and compressively contact each other. A driving pulley 10 around which the reference belt 1 is wound includes an untwisting disk 50 with an outer peripheral edge 50a. The untwisting disk 50 is configured to rotate together with the driving pulley 10. The outer diameter D of the untwisting disk 50 at the outer peripheral edge 50a thereof is set to be equal to or larger than a value obtained by adding the thickness of the reference belt 1 to the outer diameter of the driving pulley 10. A part of the yarn path of the yarn Y located downstream of a crossing portion R is bent by the contact of the yarn Y with the outer peripheral edge 50a of the untwisting disk 50.

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D02G 1/04 (2013.01); **D02G 1/085** (2013.01)

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