

Title (en)
Twister with cheese cover

Title (de)
Zwirner mit einer Kreuzspulen-Abdeckung

Title (fr)
Tordoir avec une couvercle pour bobine croisée

Publication
EP 1847637 A2 20071024 (EN)

Application
EP 07106559 A 20070420

Priority
JP 2006117449 A 20060421

Abstract (en)
The present invention provides a twister capable of preventing the problems caused by a cheese cover, which is driven rotationally by a ballooning yarn. A twister (1) comprising: a plurality of twisting units (3), each of which includes a cheese cover (6), said cheese cover (6) covering a periphery of a supply package (8) placed on a stationary disk (5) and being integrally provided on the stationary disk (5), and guides yarn (Y2) outward in a radial direction from a rotary disk (7) arranged below the stationary disk (5) to balloon the yarn (Y2) around the cheese cover (6); said twister further comprises a control device (36) provided to determine whether or not the stationary disk (5) or the cheese cover (6) remains stationary at a predetermined position.

IPC 8 full level
D01H 7/86 (2006.01); **D01H 13/14** (2006.01)

CPC (source: EP)
D01H 7/864 (2013.01); **D01H 13/14** (2013.01); **D02G 3/285** (2013.01)

Cited by
WO2014167221A1; CN104195687A; FR3004578A1; CN104195689A; CN105358748A; US10544523B2

Designated contracting state (EPC)
DE FR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1847637 A2 20071024; **EP 1847637 A3 20100113**; JP 2007291533 A 20071108; JP 4853631 B2 20120111

DOCDB simple family (application)
EP 07106559 A 20070420; JP 2006117449 A 20060421