

Title (en)  
Take-up apparatus

Title (de)  
Aufnahmevorrichtung

Title (fr)  
Appareil dévidoir

Publication  
**EP 2636624 A3 20140924 (EN)**

Application  
**EP 13157171 A 20130228**

Priority  
JP 2012050934 A 20120307

Abstract (en)  
[origin: EP2636624A2] [OBJECT] A take-up apparatus is provided such that an air nozzle is not provided in a yarn path leading from a melt spinning machine to a godet roller, but filaments are not wound around the godet roller. [MEANS OF REALIZING THE OBJECT] A take-up apparatus (100) includes a melt spinning machine (10) configured to spin filaments (F), a godet roller group (20) configured to feed yarns (Y) made by combining the filaments (F), and a take-up winder (30) configured to wind the yarns (Y) fed from the godet roller group (20) around bobbins (B). While a yarn threading operation is performed on godet rollers (21) and (22), a circumferential speed of the godet rollers (21) and (22) forming the godet roller group (20) is set to a threading speed (Vs) lower than a circumferential speed in a winding period (Pw) and is increased to a winding speed (Vw) after the threading on the godet rollers (21) and (22) is completed and before winding of the yarns (Y) through a threading on the bobbins (B) is started. A circumferential speed of the bobbins (B) is increased to the winding speed (Vw) before the winding of the yarns (Y) through the threading on the bobbins (B) is started.

IPC 8 full level  
**B65H 51/06** (2006.01); **B65H 51/32** (2006.01); **B65H 57/00** (2006.01); **D01D 13/00** (2006.01)

CPC (source: EP)  
**B65H 51/06** (2013.01); **B65H 51/32** (2013.01); **B65H 57/003** (2013.01); **D01D 7/00** (2013.01); **D01D 13/02** (2013.01); **B65H 2701/3132** (2013.01)

Citation (search report)

- [XAY] DE 10309966 A1 20031009 - BARMAG BARMER MASCHF [DE]
- [Y] EP 2407408 A2 20120118 - TMT MACHINERY INC [JP]
- [YD] JP S4735929 B1 19720909
- [X] JP S63159512 A 19880702 - TEIJIN LTD

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2636624 A2 20130911**; **EP 2636624 A3 20140924**; CN 103305943 A 20130918; IN 579DE2013 A 20150626; JP 2013184781 A 20130919

DOCDB simple family (application)  
**EP 13157171 A 20130228**; CN 201310071159 A 20130306; IN 579DE2013 A 20130228; JP 2012050934 A 20120307