

Title (en)

AXIAL DISTURBANCE DEVICE USED IN YARN TAKE-UP MACHINE

Publication

EP 0323098 A3 19910102 (EN)

Application

EP 88312010 A 19881219

Priority

JP 20102387 U 19871229

Abstract (en)

[origin: EP0323098A2] An axial disturbance device used in a yarn take-up machine which includes a traversing yarn guide (44) for winding a yarn on a yarn package (41) supported on a cradle arm (42), and a cam member (82) rotatable about a fixed axis, the traverse width of the traversing yarn guide (44) being changed by the rotation of the cam member (82) about the fixed axis; comprising: an axial disturbance link (84) rotatably supported on the cam member (82) and having a cam surface (89); a cam-member tilting rod (85) connected at its one end to the cradle arm (42) of the yarn package (41) and at its the other end to the axial disturbance link (84); a cam-member stopping link (87) rotatably supported on a fixed shaft (86) and engageable with the cam member (82), the stopping link (87) being connected with the cam-member tilting rod (85); an axial disturbance bar (92) disposed and movable in parallel relationship to the cam member (82); and an axial disturbance cam (91) rotatably supported on the axial disturbance bar (92) and engaged with the cam surface (89) of the axial disturbance link (84).

IPC 1-7

B65H 54/38

IPC 8 full level

B65H 54/32 (2006.01); **B65H 54/38** (2006.01); **D01H 13/06** (2006.01); **D02G 1/04** (2006.01)

CPC (source: EP KR)

B65H 54/28 (2013.01 - KR); **B65H 54/325** (2013.01 - EP); **B65H 54/38** (2013.01 - KR); **B65H 54/385** (2013.01 - EP); **B65H 2701/31** (2013.01 - EP)

Citation (search report)

- [A] DE 3240484 A1 19830601 - MURATA MACHINERY LTD [JP]
- [A] EP 0012937 A1 19800709 - BARMAG BARMER MASCHF [DE]

Cited by

CN102071502A; CN111876892A

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0323098 A2 19890705; **EP 0323098 A3 19910102**; JP H01106477 U 19890718; JP H0350123 Y2 19911025; KR 890009743 A 19890803; KR 930005887 B1 19930625

DOCDB simple family (application)

EP 88312010 A 19881219; JP 20102387 U 19871229; KR 880017587 A 19881227