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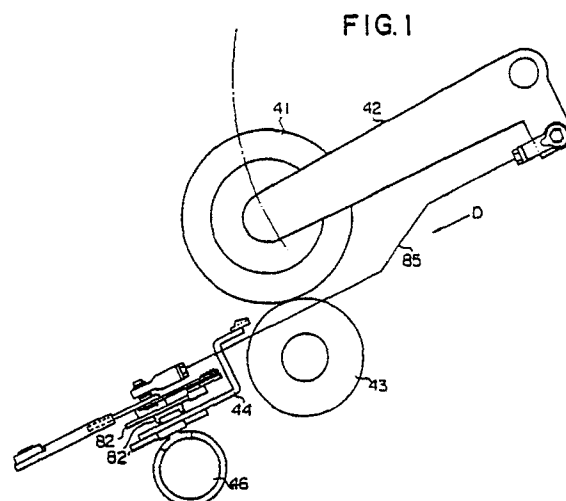
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(54) **Axial disturbance device used in yarn take-up machine.**

(57) 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).



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EUROPEAN SEARCH REPORT

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EP 88 31 2010

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	DE-A-3 240 484 (MURATA KIKAI) * the whole document * - - - -	1	B 65 H 54/38
A	EP-A-0 012 937 (BARMAG) * figures; claim 1 * - - - - -	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			B 65 H
The present search report has been drawn up for all claims			
Place of search Berlin		Date of completion of search 01 October 90	Examiner FUCHS H.X.J.
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document			