



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
13.03.2002 Bulletin 2002/11

(51) Int Cl.7: **D01H 1/36, B65H 54/32**

(43) Date of publication A2:
27.12.2000 Bulletin 2000/52

(21) Application number: **00202191.3**

(22) Date of filing: **22.06.2000**

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE**
Designated Extension States:
AL LT LV MK RO SI

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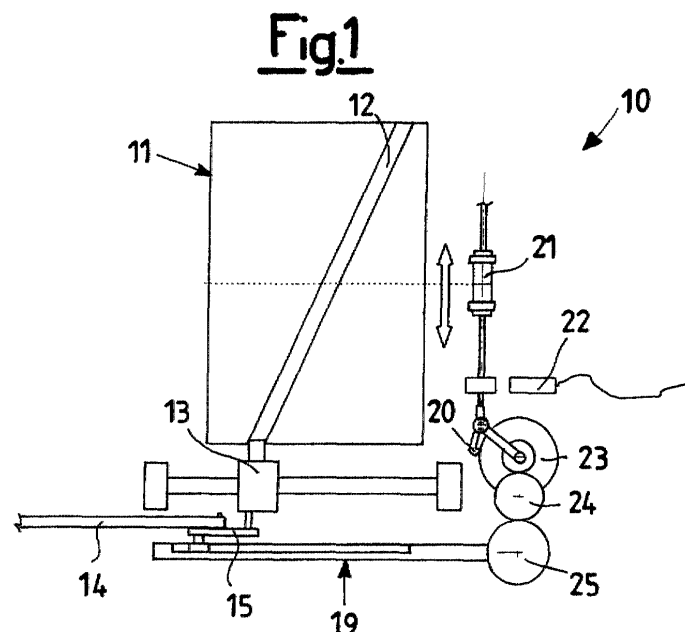
(30) Priority: **24.06.1999 IT MI991404**

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(54) **Device for the tapering of yarn-gathering bobbins on a twisting frame**

(57) A device for the tapering of yarn-gathering bobbins on a twisting frame comprises a traversing roller (11) which is actuated by the main motor of the twisting frame by means of appropriate mechanisms and is provided with a Z-shaped profile (12) generating a reciprocating motion in a connecting road (14) and where the law governing tapering of the bobbins is controlled by an inclinable tapering guide (19), which is kinematically

connected to the aforesaid connecting road (14) and is able to vary the stroke of the reciprocating motion of the connecting road (14). If the said device, the inclination of the tapering guide (19) is adjusted by means of the operation of a pneumatic actuator (21), where each stroke of the pneumatic actuator (21) enables practically instantaneous variations in tapering having a pre-set value to be obtained.





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 00 20 2191

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			B65H D01H
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		22 January 2002	D'Hulster, E
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	

EPO FORM 1508 03/02 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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