

⑫

EUROPEAN PATENT APPLICATION

⑰ Application number: **84306489.0**

⑸ Int. Cl.¹: **B 65 H 54/547, B 65 H 54/52**

⑱ Date of filing: **24.09.84**

⑳ Priority: **28.09.83 GB 8325908**

⑦ Applicant: **SPENCER WRIGHT INDUSTRIES, INC.,**
1501 Riverside Drive, Chattanooga
Tennessee 37402 (US)

㉑ Date of publication of application: **02.05.85**
Bulletin 85/18

⑦ Inventor: **Warrington, Clifford, 72 Bamford Way,**
Rochdale Lancashire (GB)
Inventor: **Corsini, Russell, 6 Branch Road Lower Darwen,**
Blackburn Lancashire (GB)

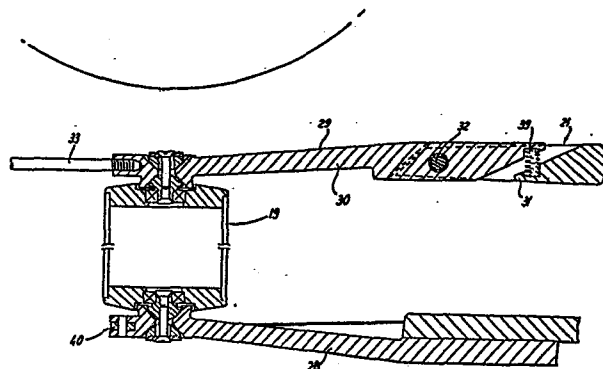
㉒ Designated Contracting States: **AT BE CH DE FR IT LI**
LU NL SE

㉓ Date of deferred publication of search
report: **05.06.85 Bulletin 85/23**

⑦ Representative: **Funge, Harry et al, M'CAW &**
CO. 41-51 Royal Exchange Cross Street, Manchester
M2 7BD (GB)

⑤ Textile winding machine cradle.

⑤ A textile winding machine cradle (21) is disclosed which permits of the discharge of full yarn packages (18) through the pivot axis (22) thereof onto a conveyor (38). The spaced cradle arms (28, 29) are pivotally mounted in respective support structures (222) and extend forwardly from the ends of a U-shaped bridge-piece (23) through which a progressively varying loading is applied to the yarn package during build-up by piston and cylinder means (24).





European Patent
Office

EUROPEAN SEARCH REPORT

0139485

EP 84 30 6489

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. 4)
X	EP-A-0 057 525 (TORAY INDUSTRIES) * The whole document * ---	1-5, 12,13	B 65 H 54/547 B 65 H 54/52
X	FR-A-2 302 950 (COGNETEX S.P.A.) * The whole document * ---	1-5, 12,13, 14	
X	GB-A-2 001 362 (ISHIKAWA SEISAKUSHO LTD.) * The whole document * ---	1-8, 10-13	
X	GB-A-1 320 978 (SANT'ANDREA NOVARA OFFICINE MECCANICHE E FONDERIE) * The whole document * ---	1-5, 12,13	TECHNICAL FIELDS SEARCHED (Int. Cl. 4) B 65 H
X	FR-A-2 141 481 (J.LOGAN INC.) * The whole document * ---	1-8, 10-13	
A	DE-A-1 510 392 (REITER M.) * The whole document * ---	1-8, 10-13	
		-/-	
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		04-01-1985	DEPRUN
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			



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.4)
A	FR-A-1 519 242 (E.SCRAGG & SONS. LIMITED) * The whole document *	1-5, 12,13	

A	FR-A-2 098 134 (ASAHI KASEI KOGYO K.K.) * The whole document *	1-5, 12,13	

			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 04-01-1985	Examiner DEPRUN
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	