



(19)

Europäisches Patentamt

European Patent Office

Office européen des brevets



(11)

EP 0 742 299 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
07.01.1998 Bulletin 1998/02

(51) Int. Cl.⁶: **D03C 3/36**, D03C 1/14,
D03C 3/24

(43) Date of publication A2:
13.11.1996 Bulletin 1996/46

(21) Application number: **96107117.2**

(22) Date of filing: **06.05.1996**

(84) Designated Contracting States:
DE FR GB IT

(30) Priority: **08.05.1995 JP 109625/95**

(71) Applicant:
KAYABA KOGYO KABUSHIKI KAISHA
Tokyo (JP)

(72) Inventors:
• **Muto, Shigeyuki**
c/o Kayaba Kogyo K. K.
Minato-ku, Tokyo (JP)

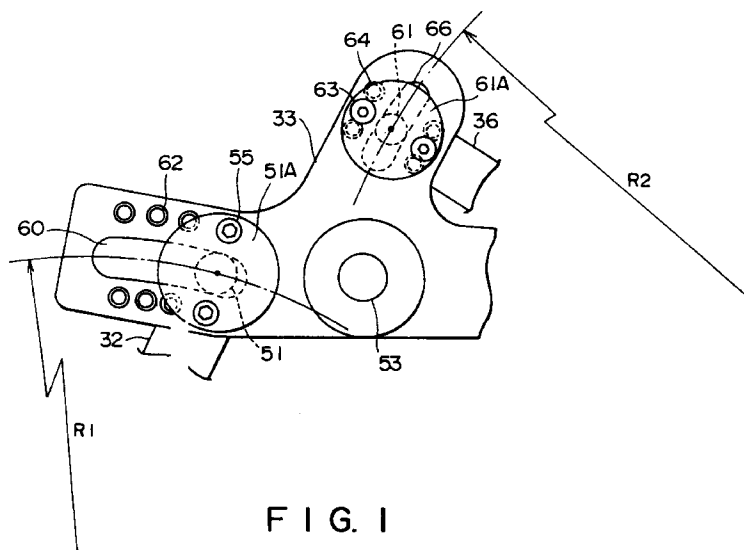
• **Sunohara, Ikuo**,
c/o Kayaba Kogyo K. K.
Minato-ku, Tokyo (JP)

(74) Representative:
Grünecker, Kinkeldey,
Stockmair & Schwanhäusser
Anwaltssozietät
Maximilianstrasse 58
80538 München (DE)

(54) Thread selecting device

(57) In the thread selecting device, a link is connected to an arm, moving up and down in synchronism with the action of a weaving machine, and the link pivots when the arm moves up and down. Pivoting links lift a plurality of threads via a plurality of knives, the thread lift distance varying according to the pivot angle of the arm.

By providing a mechanism which moves the connection point between the arm and the link along an arc having a radius equal to the length of the arm, the lift distance of the thread may be varied without varying the lift position of the thread.



F I G. 1

EP 0 742 299 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 96 10 7117

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.6)
A	WO 94 25654 A (TEXTILMA) * page 5, line 2 - page 6, line 17; figures 1,2 *	1,2	D03C3/36 D03C1/14 D03C3/24
A	FR 2 428 376 A (STAUBLI) -----		
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			D03C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 23 October 1997	Examiner Boutelegier, C
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

EPO FORM 1503 03/82 (P04C01)