



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
16.12.2009 Bulletin 2009/51

(51) Int Cl.:
D03D 51/00 (2006.01) D03J 1/00 (2006.01)

(43) Date of publication A2:
18.07.2007 Bulletin 2007/29

(21) Application number: **06026080.9**

(22) Date of filing: **15.12.2006**

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated Extension States:
AL BA HR MK RS

(30) Priority: **16.01.2006 JP 2006007274**

(71) Applicant: **TSUDAKOMA KOGYO KABUSHIKI KAISHA**
Kanazawa-shi,
Ishikawa-ken 921-8650 (JP)

(72) Inventors:

- **Yamazaki, Koki**
Kanazawa-shi
Ishikawa-ken, 921-8650 (JP)
- **Hayashi, Kentaro**
Kanazawa-shi
Ishikawa-ken, 921-8650 (JP)

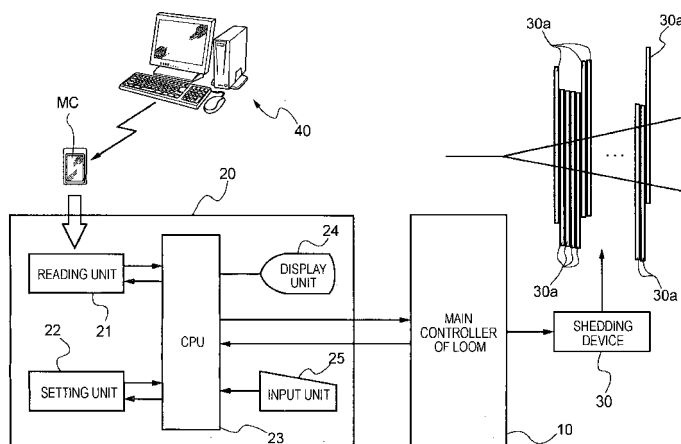
(74) Representative: **Samson & Partner**
Widenmayerstrasse 5
80538 München (DE)

(54) **Display setting device for setting selective operating modes for weaving-related elements in a loom**

(57) A display setting device is provided for setting operating modes for a plurality of weaving-related elements (30a) included in a loom, the operating modes including two selective operating modes from which one is selected for each weaving cycle in a plurality of weaving cycles. The loom further includes a setting unit (22) in which the operating modes selected for the weaving-related elements (30a) for each weaving cycle are set; and a display unit (24) that displays the selected operating modes set in the setting unit (22) for the weaving-related

elements (30a) for the plurality of weaving cycles on a display window, such that the operating modes selected for the weaving-related elements (30a) are displayed for each cycle. The display setting device is characterized by including input means for setting the operating modes of the weaving-related elements (30a) selected for each weaving cycle in the setting unit (22). The input means has a function that allows display modes of the two selective operating modes for the weaving-related elements to be arbitrarily selected from a plurality of preliminarily set display modes.

FIG. 4





EUROPEAN SEARCH REPORT

Application Number
EP 06 02 6080

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	FR 2 523 602 A (STAEUBLI AG [CH]) 23 September 1983 (1983-09-23) * the whole document *	1-3	INV. D03D51/00 D03J1/00
X	US 5 016 183 A (SHYONG EMORY [US]) 14 May 1991 (1991-05-14) * column 2, lines 44-60 * * column 3, lines 17-32 * * column 5, lines 25-42 * * column 7, line 29 - column 12, line 55; figures 24A-24G *	1	
A	EP 0 280 636 A (TEXEL SARL [FR]) 31 August 1988 (1988-08-31) * the whole document *	1	
			TECHNICAL FIELDS SEARCHED (IPC)
			D03D D03J D03C
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 6 November 2009	Examiner Iamandi, Daniela
<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>			

2
EPO FORM 1503 03/02 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 06 02 6080

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

06-11-2009

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 2523602	A	23-09-1983	BR 8301426 A	29-11-1983
			DE 3309829 A1	29-09-1983
			IT 1160816 B	11-03-1987
			JP 58169539 A	06-10-1983

US 5016183	A	14-05-1991	NONE	

EP 0280636	A	31-08-1988	DE 3871984 D1	23-07-1992
			DE 3871984 T2	18-02-1993
			ES 2034348 T3	01-04-1993
			FR 2610645 A1	12-08-1988
