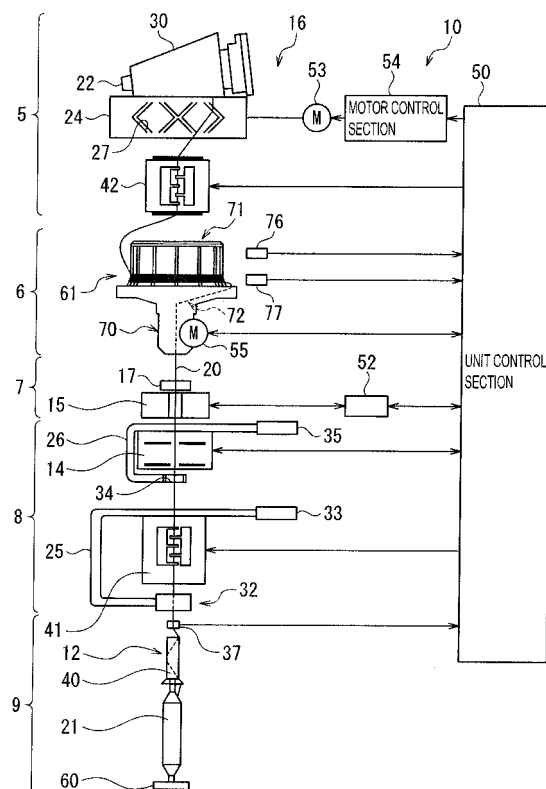


(22) Date of filing: **19.03.2009**

(74) Representative: **Liedl, Christine
Hansmann & Vogeser
Patent- und Rechtsanwälte
Albert-Rosshaupter-Strasse 65
81369 München (DE)**





EUROPEAN SEARCH REPORT

Application Number
EP 09 15 5645

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	WO 2006/058582 A1 (SAURER GMBH & CO KG [DE]) 8 June 2006 (2006-06-08)	1-4,7	INV.
Y	* pages 14-15; figures 2,3 *	8-10	B65H51/22
	-----		B65H63/06
Y	DE 100 46 602 A1 (BARMAG BARMER MASCHF [DE]) 22 March 2001 (2001-03-22)	8-10	B65H67/08
	* column 3, line 65 - column 4, line 49; figure 1 *		B65H69/06

A	EP 0 277 717 A1 (TORAY ENG CO LTD [JP]) 10 August 1988 (1988-08-10)	8-10	
	* column 3, lines 33-53; figure 1 *		

A	EP 0 004 781 A1 (DU PONT CANADA [CA]) 17 October 1979 (1979-10-17)	8-10	
	* claims 1,3; figure 1 *		

The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
			B65H
3 Place of search The Hague Date of completion of the search 24 March 2011 Examiner Pussemier, Bart			
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 1503 03.82 (P04C01)



Application Number

EP 09 15 5645

CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

☒ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

☐ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

☐ The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



**LACK OF UNITY OF INVENTION
SHEET B**

Application Number

EP 09 15 5645

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-7, 10

A yarn winding device with a yarn accumulating device comprising a draw-out mechanism drawing out the yarn accumulated in the yarn accumulating device to an upstream side in a yarn traveling direction.

2. claims: 8-10

A yarn winding device with a yarn accumulating device comprising a yarn accumulation amount detecting section and whereby a control section controls rotation number of a winding driving section provided in the winding section according to the yarn accumulation amount detected by the yarn accumulation amount detecting section.

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

EP 09 15 5645

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.

24-03-2011

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
WO 2006058582	A1	08-06-2006	EP	1828040 A1	05-09-2007

DE 10046602	A1	22-03-2001	NONE		

EP 0277717	A1	10-08-1988	DE	3889737 D1	07-07-1994
			DE	3889737 T2	27-10-1994
			US	4953800 A	04-09-1990

EP 0004781	A1	17-10-1979	JP	55016888 A	05-02-1980

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82