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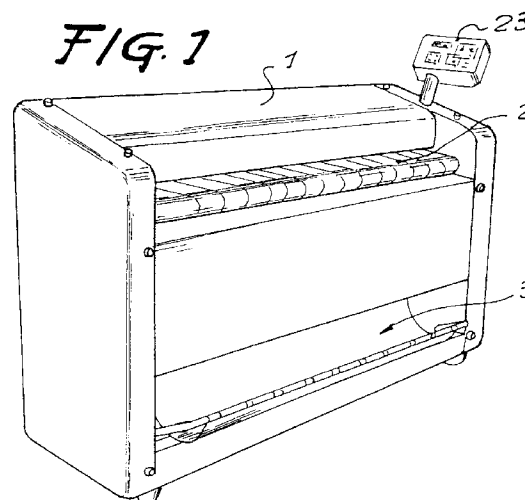
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(54) **Ironing machine.**

(57) Ironing machine comprising an outer casing (1) which contains an ironing cylinder (4) provided with a heating system (5), a pressure cylinder (6), a plurality of textile bands (7) and means for control of the ironing temperature and speed, and is characterized in that the means for control of the ironing temperature and speed comprise a detector device for the temperature of the surface of the ironing cylinder (4) and a control device (23) which varies the speed of the ironing cylinder (4) in function of the temperature detected, and in that the pressure cylinder (6) is floating, its spindle being pushed against lateral stops (8) in the form of an inclined plane provided on the casing of the machine, through the action of the tension of the textile bands (7), thus providing the ironing pressure.

It further comprises perforated tubes (19,20) for vapour discharge, which extend parallel to the ironing cylinder (4), and which emerge into a common chamber (21), from which vapour is discharged by means of a suction device (22).

It permits automatic adjustment of ironing temperature and speed.





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EUROPEAN SEARCH REPORT

Application Number

EP 92 50 0078

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.5)
X	DE-A-2 219 895 (GROSSWÄSCHEREI ROBERT RAATZ INH. GEORG RAATZ) * claim 1; figure 1; page 3, line 1-5; page 4, line 10 - line 18; page 6, line 12 - line 15; page 7, line 1 - line 10; page 9, line 11 - line 23 *	1	D 06 F 69/02 D 06 F 67/00 D 06 F 71/34 D 06 F 67/02
Y	---	2	
A	FR-A-2 388 921 (S.E.B.R.A.N. S.A.R.L.) * figure 4; page 3, line 28 - page 4, line 9 *	1	
Y	EP-A-0 413 902 (NKK CORP) * abstract *	2	
A	EP-A-0 139 577 (CENTRE TECHNIQUE INDUSTRIEL DIT: INSTITUT TEXTILE DE FRANCE) * claims 1,3 *	1	
A	DE-A-3 710 202 (BRÜCKNER TROCKENTECHNIK GMBH & CO KG) * claim 1 *	1	TECHNICAL FIELDS SEARCHED (Int. Cl.5)
A	US-A-4 282 754 (R. PROVASNIK) * abstract *	2	D 06 F D 06 C A 41 H F 26 B B 41 F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 29-10-1992	Examiner HAEUSLER F U
<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>I : 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>			

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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ All claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid.
namely claims:
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

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

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- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ 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 has 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: 1, 2



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LACK OF UNITY OF INVENTION

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

- 1 Claims 1,2 : Ironing machine with heated, rotating ironing cylinder and automatic cylinder speed adjustment depending on sensed cylinder surface temperature.
- 2 Claims 3-5 : Ironing machine with heated, rotating ironing cylinder in contact with textile conveyor bands and ironing pressure or band tension generating rolls with floating bearing.
- 3 Claims 6-7 : Ironing machine with heated, rotating ironing cylinder with perforated vapour discharge tubes emerging into common suction chamber.