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(54) **Industrial ironing machine**

(57) The invention relates to a machine (20) for industrial linen ironing. The machine comprises an ironing roller (24), a shoe (26) and an apparatus (28) for moving the shoe (26). The shoe is radially movable between a predefined rest position (A) in which the shoe is distant from the roller and a working position (B) in which the

shoe is close to the roller. The apparatus for moving the shoe (26) comprises means (50, 52) for controlling the force applied to the shoe during its movement towards the roller and able to maintain a constant pressure between ironing roller (24) and shoe (26), and contrast means (32) tending to move the shoe (26) from the working position (B) to the rest position (A).

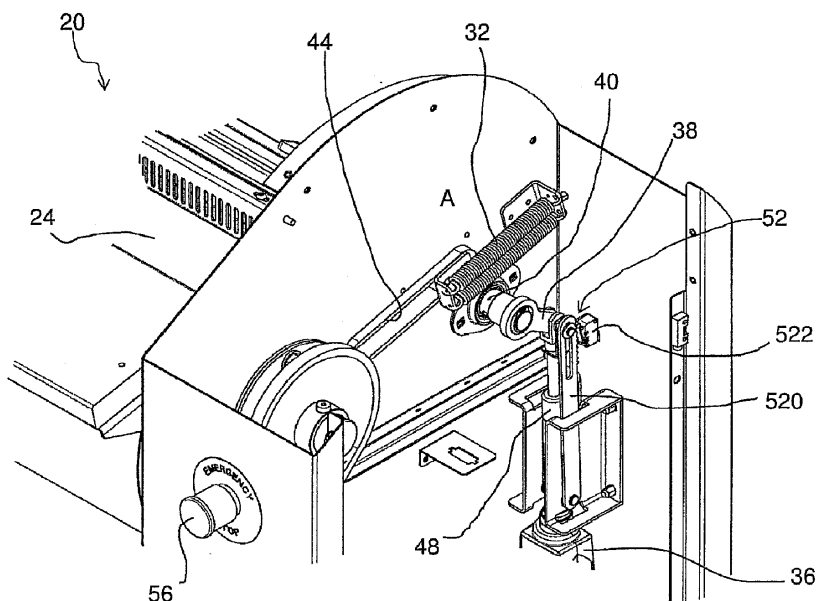


Fig. 6



EUROPEAN SEARCH REPORT

Application Number
EP 09 17 0575

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	DE 18 14 853 A1 (CORDES WILH MASCHF) 2 July 1970 (1970-07-02) * pages 3-4; figure 1 * -----	1-3,6,7, 11	INV. D06F65/06
X	US 2 622 352 A (CONSTANTINE ARTHUR R) 23 December 1952 (1952-12-23) * page 8, line 56 - page 11, line 50; figure 13 * -----	1-3,6,7, 11	
A	GB 992 432 A (BAKER PERKINS JAXONS LTD) 19 May 1965 (1965-05-19) * page 1, lines 54-69 - page 2, lines 41-59,85-126; figures * -----	1	
A	US 3 171 221 A (ZWKAARD HENDRICUS C A) 2 March 1965 (1965-03-02) * column 2, lines 18-51 * -----	1	
			TECHNICAL FIELDS SEARCHED (IPC)
			D06F
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 14 January 2010	Examiner Stroppa, Giovanni
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			

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EPO FORM 1503 03.82 (F04C01)



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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:
- 1-11
- ☐ 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

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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: 1-11

Machine for industrial linen ironing comprising an ironing roller, a shoe and an apparatus for moving the shoe comprising means for controlling the force applied to the shoe during its movement towards the roller.

2. claims: 12-13

Machine for industrial linen ironing comprising an ironing roller, a shoe and an apparatus for moving the shoe comprising a hinging mechanism.

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

EP 09 17 0575

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
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14-01-2010

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