



Europäisches
Patentamt
European
Patent Office
Office européen
des brevets



(11)

EP 2 166 146 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
19.05.2010 Bulletin 2010/20

(51) Int Cl.:
D06F 65/06 (2006.01)

(43) Date of publication A2:
24.03.2010 Bulletin 2010/12

(21) Application number: 09170575.6

(22) Date of filing: 17.09.2009

(84) Designated Contracting States:
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL
PT RO SE SI SK SM TR**

(30) Priority: 19.09.2008 IT TV20080115
19.09.2008 IT TV20080116
19.09.2008 IT TV20080117

(71) Applicant: IMESA SPA
31040 Cessalto (TV) (IT)

(72) Inventor: Gerotto, Sandro
30020 Novanta di Piave (VE) (IT)

(74) Representative: Dragotti, Gianfranco et al
Dragotti & Associati srl
Via Paris Bordone 9
31100 Treviso (IT)

(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).

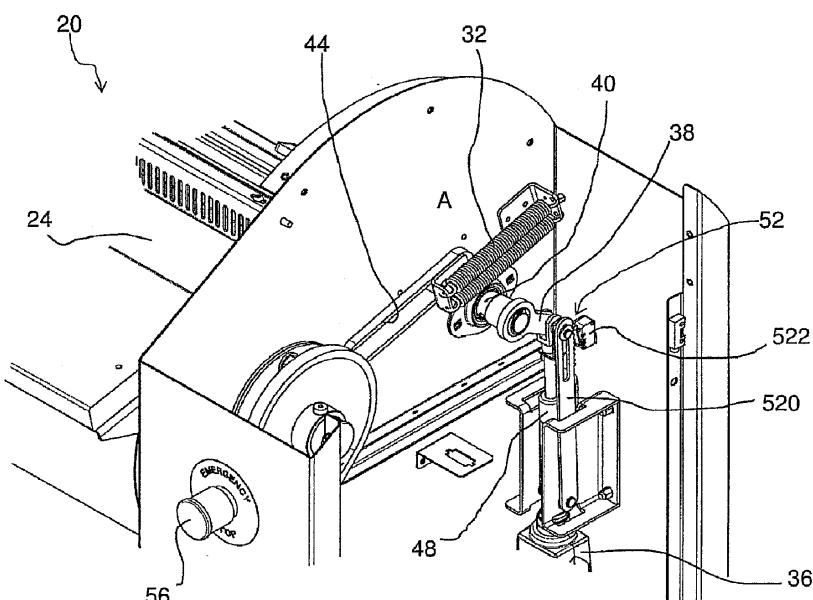


Fig. 6



EUROPEAN SEARCH REPORT

Application Number
EP 09 17 0575

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
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			
2	Place of search Munich	Date of completion of the search 14 January 2010	Examiner Stroppa, Giovanni
CATEGORY OF CITED DOCUMENTS <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>			



Application Number

EP 09 17 0575

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
EP 09 17 0575

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 The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

14-01-2010

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
DE 1814853	A1	02-07-1970	AT CH FR	300705 B 490559 A 2026169 A5	10-08-1972 15-05-1970 11-09-1970
US 2622352	A	23-12-1952		NONE	
GB 992432	A	19-05-1965		NONE	
US 3171221	A	02-03-1965	GB	1014005 A	22-12-1965