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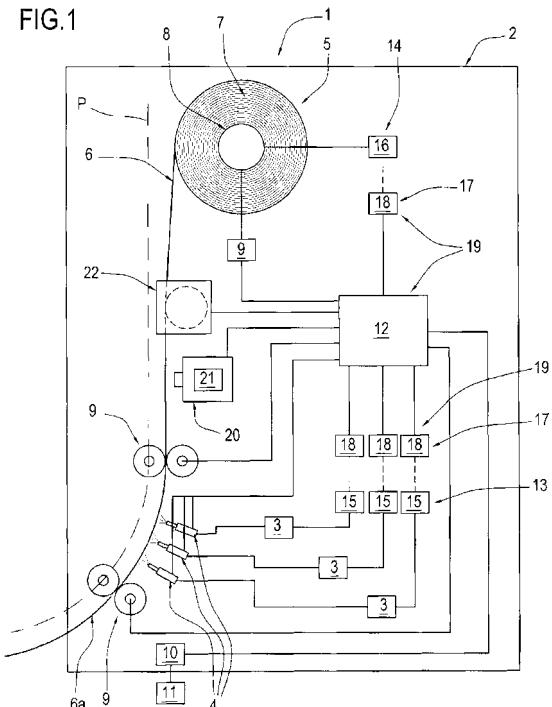
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(54) Dispenser of disinfection sheet products

(57) A dispenser (1) of disinfection sheet products, comprises: a containment structure (2); at least one disinfectant product contained in a respective tank (3) housed in the containment structure (2); a disinfectant product dispensing element (4) associated with the disinfectant product tank (3); at least one magazine (5) for supports (6) in the form of sheets designed to receive the disinfectant product; means (9) for feeding the supports (6) along a feed path (P), for feeding the supports (6) from the inside of the containment structure towards the outside of it in such a way that the supports pass near to the disinfectant dispensing element (4) to receive a dose of disinfectant product; the dispenser (1) also comprises actuator means (10) for the disinfectant dispensing element (4) for dispensing the dose on the support (6) and a computerised control unit (12) associated with the disinfectant dispensing element (4), with the feed means (9) and with the actuator means (10) to synchronise them; the dispenser (1) also comprising identification means (13, 14, 15, 16) associated with the disinfectant product and with the support (6), the computerised control unit (12) being in communication with the identification means to cause the dispenser to operate according to the disinfectant product and support (6) sheets used.

FIG.1





DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)								
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim									
A	US 6 213 424 B1 (HELFER-GRAND BEVERLY [US]) 10 April 2001 (2001-04-10) * column 8, line 51 - column 9, line 17; figures 2,4 *	1	INV. A47K10/24 A47K10/34 B65H35/00								
A	----- WO 93/04622 A (PECH VIKTOR [LI]) 18 March 1993 (1993-03-18) * page 2, line 34 - page 4, line 23; figure 1 *	1									
A	----- US 6 411 920 B1 (MCCONNELL WESLEY J [US] ET AL) 25 June 2002 (2002-06-25) * column 1, line 41 - column 3, line 15 * * column 5, line 23 - column 6, line 46; figures 11-17 *	1									
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)								
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<table border="1"> <tr> <td>Place of search</td> <td>Date of completion of the search</td> <td>Examiner</td> <td></td> </tr> <tr> <td>Munich</td> <td>19 August 2008</td> <td>Fachin, Fabiano</td> <td></td> </tr> </table>				Place of search	Date of completion of the search	Examiner		Munich	19 August 2008	Fachin, Fabiano	
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Munich	19 August 2008	Fachin, Fabiano									
<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>											

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

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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.

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 6213424	B1	10-04-2001	US	2001006206 A1		05-07-2001
WO 9304622	A	18-03-1993	AU	2493592 A		05-04-1993
US 6411920	B1	25-06-2002	AT	301418 T		15-08-2005
			AU	7132100 A		09-01-2001
			CA	2377323 A1		28-12-2000
			DE	60021893 D1		15-09-2005
			DE	60021893 T2		26-01-2006
			EP	1196072 A1		17-04-2002
			ES	2243297 T3		01-12-2005
			MX	PA02000048 A		02-07-2002
			WO	0078197 A1		28-12-2000