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(54) Replaceable ink mist filter

(57) A vacuum system is usable with an ink jet printer, the printer having an access door (40). The vacuum system comprises an ink reservoir (44), wherein a vacuum is supplied to the ink reservoir (44). A user replaceable mist filter (22) is situated within the access

door (40) of the printer for capturing ink mist from the ink reservoir (44). The location of the mist filter (22) makes the mist filter (22) easily accessible, removable and replaceable.

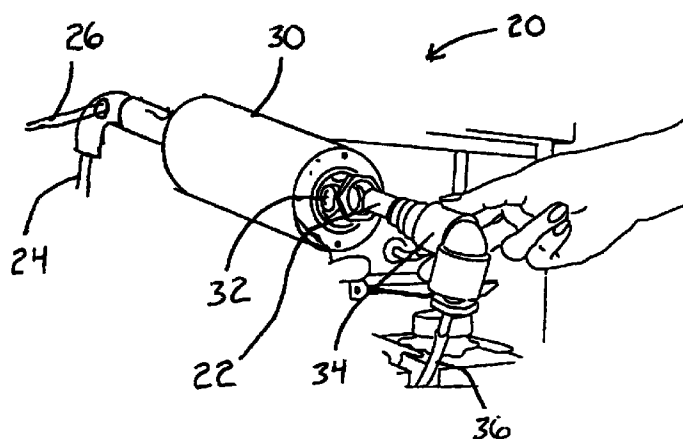


Fig. 2

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EUROPEAN SEARCH REPORT

Application Number
EP 96 30 3082

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.6)
X	EP 0 646 470 A (HITACHI LTD) * the whole document *	1,2	B41J2/175
A	US 4 811 035 A (HULIBA DAVID A ET AL) * abstract; figure 1 * * column 3, line 26-34; figure 2 * * column 5, line 3-5; figure 4 * * column 5, line 44-56; figure 7 *	1-4	
A	PATENT ABSTRACTS OF JAPAN vol. 010, no. 311 (M-528), 23 October 1986 & JP 61 121955 A (RICOH CO LTD), 9 June 1986, * abstract *	1	
A	US 4 184 167 A (VANDERVALK CASEY S) * abstract *	1	
A	PATENT ABSTRACTS OF JAPAN vol. 010, no. 092 (M-468), 9 April 1986 & JP 60 230856 A (CANON KK), 16 November 1985, * abstract *	3	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B41J
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
BERLIN		17 November 1997	Nielsen, M
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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