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(54) **Ink jet recording apparatus und detachably mountable ink jet cartridge.**

(57) An ink jet cartridge having a recording head portion (2) and an ink containing portion which are detachably mountable relative to each other, wherein the recording head portion ejects ink to effect recording with the ink includes a first ink container (6), provided in the recording head, for containing the ink; a second ink container (19), provided in the ink containing portion, for containing the ink; ink communication tube (17) for establishing ink communication between the first ink container (6) and the second ink container (19), wherein the ink communication tube (17) is not externally exposed. An ink jet recording apparatus, including a recording head (2) for ejecting ink; an ink container (19) detachably mountable to the recording head and for containing the ink to be supplied to the recording head; detecting device (1380) for detecting mounting of the ink container (19) to the ink jet recording apparatus; control device for controlling recording operation of the ink jet recording apparatus in

accordance with an output of the detecting device.

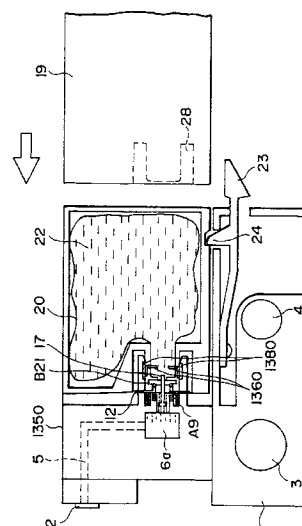


FIG. 1

EP 0 496 642 A3



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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			EP 92300652.2
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	DE - A - 3 938 173 (SIEMENS) * Totality *	1	B 41 J 2/175 B 41 J 2/01
A	--	11,12	
X	US - A - 4 970 533 (SAITO) * Totality *	6-10, 15	
A	--	1,4,5, 11,12	
X	DE - A - 3 504 216 (CANON) * Fig. 4,5 *	13	
X	EP - A - 0 378 240 (CANON) * Totality *	12	
A	--	1-6, 11,14	
P,A	EP - A - 0 412 459 (CANON) * Totality * -----	1-15	TECHNICAL FIELDS SEARCHED (Int. Cl.5) B 41 J
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 21-12-1992	Examiner WITTMANN
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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