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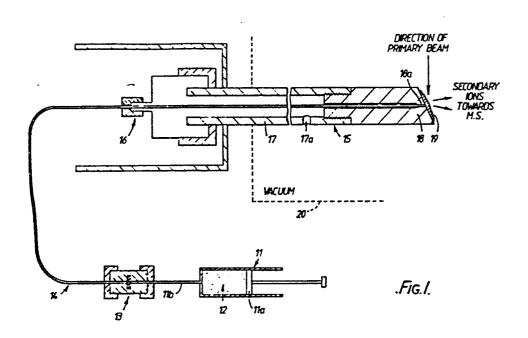
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(54) Apparatus and methods for use in the mass analysis of chemical samples.

(57) A probe for supporting a sample in an ion source of a mass spectrometer is arranged to receive a continuous supply of liquid containing a sample to be analysed, which sample may, or may not, change with time. The prove can comprise a target formed by a copper probe tip (18) and the liquid sample can pass, for example through a fine bore (18a) of the tip, on to the end surface of the tip where it is held as a droplet by surface tension. In order to replenish the droplet surface, liquid sample can be supplied, for example via capillary tubing (14) from a syringe (11), to the inlet end of the bore in the probe tip.



EUROPEAN SEARCH REPORT

Application number

EP 86 30 6004

Citation of document with indication, where appropriate,			Relevant		CLASSIFICATION OF THE	
ategory	of releva	ant passages	to claim	APPLICATIO	ON (Int CI 4)	
Y	GB-A-2 050 686 CO.) * figure 1; page	(HEWLETT-PACKARD 2, lines 13-53 *	1-5,9, 14,16	G 01 N H 01 J H 01 J	49/04	
Y	GB-A-2 091 937 RESEARCH DEVELOP * abstract; page page 4, lines 2-	MENT CORP.) 1, lines 5-27;	1-5,9, 14,16			
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A	US-A-4 209 696 * column 1, line		1,2,16	TECHNICAL FIELDS SEARCHED (Int. Cl.4)		
A,D	ANALYTICAL CHEMISTRY, vol. 57, no. 6, May 1985, pages 1153-1155; J.S. BRODBELT et al.: "An exceedingly simple mass spectrometer interface with application to reaction monitoring and environmental analysis"		1,2,16	H 01 J G 01 N G 01 N	30/00	
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	The present search report has b			Examiner		
Place of search BERLIN		Date of completion of the search	on of the search 1987 BRISON			

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European Patent

X: particularly relevant if taken alone
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A: technological background
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