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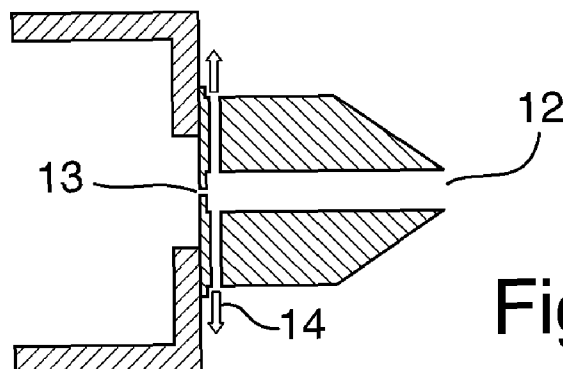


Fig. 2(a)

(57) Abstract: An ion inlet for a mass spectrometer is disclosed comprising a housing having a sampling orifice (12) and an atmospheric pressure orifice (13). One or more gas outlets are provided in the housing. Gas is drawn through the sampling orifice (12) by a pump (14) so that the gas exits via the one or more gas outlets.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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X	US 5 485 016 A (IRIE TAKASHI [JP] ET AL) 16 January 1996 (1996-01-16) columns 8-9; figure 1 columns 13-15; figures 3,4 -----	1-5,8-46
X	US 2005/199799 A1 (TAKADA YASUAKI [JP] ET AL) 15 September 2005 (2005-09-15) paragraphs [0090] - [0096]; figure 4 paragraphs [0111] - [0118]; figure 9 -----	1-46
X	US 2003/178562 A1 (MAKAROV ALEXANDER A [GB] ET AL) 25 September 2003 (2003-09-25) paragraphs [0023] - [0027]; figure 1 ----- -/--	1,2,5, 29,30, 32,33, 35-39, 41-46



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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	US 2008/116371 A1 (WOUTERS ELOY R [US] ET AL) 22 May 2008 (2008-05-22) paragraphs [0028] - [0031]; figures 1, 3 -----	1,2,5,9, 12,21, 29,30, 32,33, 35-39, 41-46

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