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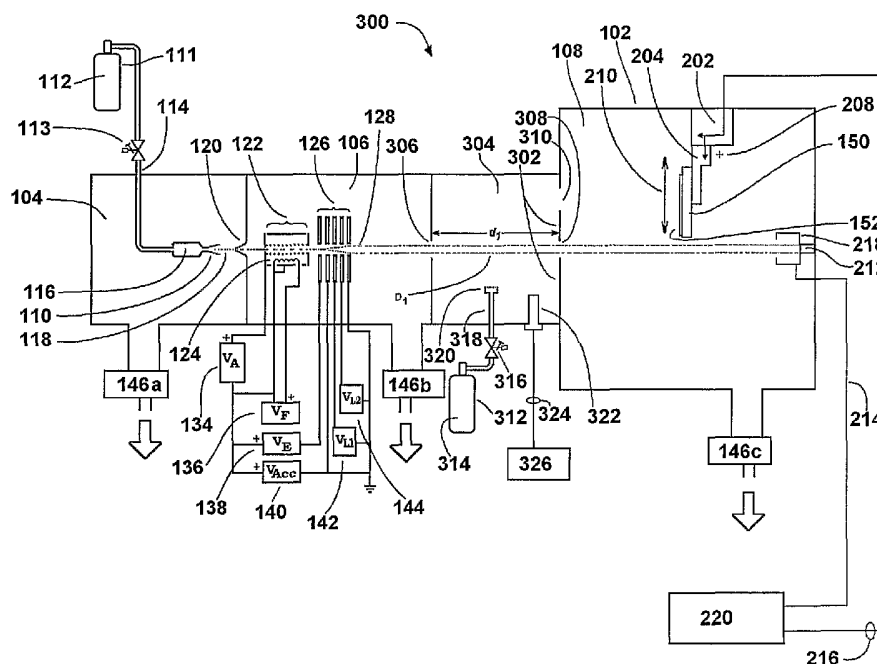
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(54) Title: METHOD AND APPARATUS FOR IMPROVED PROCESSING WITH A GAS-CLUSTER ION BEAM



(57) Abstract: Apparatus and methods for improving processing of workpieces with gas-cluster ion beams and modifying the gas-cluster ion energy distribution in the GCIB. In a reduced-pressure environment, generating an energetic gas-cluster ion beam and subjecting the beam to increased pressure region.



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B. FIELDS SEARCHED		
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C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6,331,227 B1 (DYKSTRA et al) 18 December 2001 (18.12.2001).	
A	US 6,375,790 B1 (FENNER) 23 April 2002 (23.04.2002).	
A	US 5,814,194 (DEGUCHI et al) 29 September 1998 (29.09.1998).	
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