

Title (en)  
APPARATUS FOR ANALYTICALLY DETERMINING ORGANIC SUBSTANCES

Publication  
**EP 0260469 B1 19930107 (DE)**

Application  
**EP 87112082 A 19870820**

Priority  
DE 3631862 A 19860919

Abstract (en)  
[origin: EP0260469A2] An apparatus for analytically determining organic substances which are present in concentrations up to the ppm and ppt range by mass analysis, in which the substances are to be transferred from a stock container to a mass analyzer, the stock container can be connected directly to the mass analyzer via a metering apparatus and the mass analyzer is a quadrupole mass spectrometer having a channeltron electron multiplier and a mass correction diaphragm. The object of the invention is to design the above apparatus in such a way that substances which are present in the ppm to ppt range can be detected directly by mass analysis. The solution provided by the invention is characterised in that the passage opening of the mass correction diaphragm can be designed to be variably adjustable.

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IPC 8 full level  
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CPC (source: EP)  
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Cited by  
US5959297A; US6063633A; WO9815969A3; US6864091B1; US7071000B2; US6333196B1; US6514764B1; US6605470B1; US6623967B1; US6623968B1; US6623969B1; US6623970B1; US6630111B1; US6908768B2

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