

Title (en)  
METHOD AND DEVICE FOR MINING A LIQUID SAMPLE TO BE ANALYSED

Publication  
**EP 0176014 A3 19870429 (DE)**

Application  
**EP 85111601 A 19850913**

Priority  
DE 3434931 A 19840922

Abstract (en)  
[origin: US4664526A] A process for mixing a liquid sample to be analyzed with periodic air movements includes the steps of placing the sample in a sample container and alternately directing air jets onto different regions of the surface of the sample, wherein the air jets displace the surface regions and produce turbulence in the sample. An apparatus is provided for practicing the process.

IPC 1-7  
**B01F 13/02**

IPC 8 full level  
**B01F 33/40** (2022.01); **G01N 1/36** (2006.01)

CPC (source: EP US)  
**B01F 33/407** (2022.01 - EP US)

Citation (search report)  
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• [A] FR 2153083 A1 19730427 - VICKERS LTD  
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• [AD] WO 8503571 A1 19850815 - HULETTE WILLIAM C  
• [A] PATENTS ABSTRACTS OF JAPAN, Band 7, nr. 253, (P-235)[1398], 10. November 1983; & JP-A-58 137 758 (TATEISHI DENKI K.K.) 16-08-1983

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Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0176014 A2 19860402; EP 0176014 A3 19870429; EP 0176014 B1 19890726**; AT E44888 T1 19890815; DE 3434931 A1 19860327; DE 3434931 C2 19871008; DE 3571768 D1 19890831; JP H0578779 B2 19931029; JP S6180026 A 19860423; US 4664526 A 19870512

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**EP 85111601 A 19850913**; AT 85111601 T 19850913; DE 3434931 A 19840922; DE 3571768 T 19850913; JP 20321885 A 19850913; US 77733485 A 19850918