

Title (en)  
IMPROVED BIOMEDICAL ANALYSIS TRAY.

Title (de)  
AUFLAGEBRETT FÜR BIO-MEDIZINISCHE ZWECKE.

Title (fr)  
PLATEAU A CUVETTES AMELIORE D'ANALYSE MEDICALE.

Publication  
**EP 0082194 A4 19830926 (EN)**

Application  
**EP 82902323 A 19820618**

Priority  
US 27619781 A 19810622

Abstract (en)  
[origin: WO8300047A1] An improved biomedical analysis tray (10) for use in electromagnetic radiation-beam instrumental or visual analysis of multiple samples. The tray includes a planar upper plate (12) including ninety-six circular apertures (16) arrayed therethrough in eight rows and twelve columns. A sample well (18) depends from each aperture. Each well (18) has a right cylindrical segment (22), a truncated conical segment (24), and a circular flat bottom panel (20). The upper plate (12) is supported by support walls (14) of sufficient height to maintain the bottom of the sample wells (18) in free suspension. The tray (10) is constructed of a radiation rigid material transparent to the analysis radiation and which is impervious to the reagents and organic agents utilized in the desired analyses.

IPC 1-7  
**C12M 1/20**; **G01N 31/20**

IPC 8 full level  
**C12M 1/32** (2006.01); **B01L 3/00** (2006.01); **C12M 1/20** (2006.01); **C12M 1/34** (2006.01); **G01N 21/03** (2006.01)

CPC (source: EP)  
**B01L 3/5085** (2013.01); **G01N 21/03** (2013.01); **C12M 23/12** (2013.01); **G01N 2021/0382** (2013.01)

Citation (search report)

- FR 1174252 A 19590309
- FR 2423769 A1 19791116 - COCHARD MICHEL [FR]
- US 3356462 A 19671205 - COOKE NELSON M, et al

Designated contracting state (EPC)  
CH DE FR GB LI NL

DOCDB simple family (publication)  
**WO 8300047 A1 19830106**; EP 0082194 A1 19830629; EP 0082194 A4 19830926; ES 273615 U 19840316; ES 273615 Y 19841016; JP S58500972 A 19830623

DOCDB simple family (application)  
**US 8200839 W 19820618**; EP 82902323 A 19820618; ES 273615 U 19820621; JP 50230282 A 19820618