

Title (en)

DEVICE FOR CONTROLLING THE TEMPERATURE AND MIXING THE CONTENTS OF THE VESSELS OF A MICRO-TITRATION PLATE

Publication

**EP 0281958 A3 19890322 (DE)**

Application

**EP 88103357 A 19880304**

Priority

DE 3707368 A 19870307

Abstract (en)

[origin: EP0281958A2] A hood (1) which corresponds to the area of the microtitration plate (2) is formed as a hollow space closed on all sides. A gas line (4) leads into the hollow space. Its boundary wall (5) facing the titration plate (2) is provided with gas outlet orifices (6) which are arranged eccentrically relative to the axes of the vessel and point under an angle to the surfaces of the liquids. <IMAGE>

IPC 1-7

**B01L 7/00**; **B01F 13/02**

IPC 8 full level

**B01F 33/40** (2022.01); **B01L 3/00** (2006.01); **G01N 33/53** (2006.01); **G01N 35/02** (2006.01)

CPC (source: EP)

**B01F 33/407** (2022.01); **B01L 3/50851** (2013.01); **B01L 3/50853** (2013.01)

Citation (search report)

- [Y] EP 0176014 A2 19860402 - EPPENDORF GERAETEBAU NETHELER [DE]
- [A] WO 8503571 A1 19850815 - HULETTE WILLIAM C
- [A] US 3398935 A 19680827 - LIVESEY DONALD V, et al
- [A] DE 3441179 A1 19860522 - DYNATECH DEUTSCHLAND GMBH [DE]
- [A] WO 8700281 A1 19870115 - LABSYSTEMS OY [FI]
- [Y] DYNATECH LABORATORIES LTD, Mai 1977; Product Information AM89 Shaker Incubator

Cited by

US8317389B2; EP1362115A4; ITPD20080371A1; EP0589363A1; US5362147A; DE10232202A1; DE10232202B4; US2010034048A1; EP1174703A3; DE102019103029A1; US9156012B2; WO9419097A1; WO9917881A1; WO2004008154A1; WO2008000312A1; TWI380852B

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