

Title (en)
CRYOGENIC ADSORPTION PUMP

Publication
EP 0394452 A4 19910123 (DE)

Application
EP 89903490 A 19890210

Priority
SU 4391234 A 19880310

Abstract (en)
[origin: WO8908781A1] In the suction element of a cryogenic adsorption pump the adsorbent is located in the annular chambers (10) between heat conducting envelopes (6, 7, 8) and porous-screen envelopes (9), whereas the envelopes (6, 7, 8, 9) are fixed so as to ensure thermal contact with the cap (5) of the reservoir (4) for the cryoagent.

IPC 1-7
F04B 37/02; **F04B 37/08**

IPC 8 full level
F04B 37/02 (2006.01); **F04B 37/08** (2006.01)

CPC (source: EP US)
F04B 37/08 (2013.01 - EP US); **Y10S 417/901** (2013.01 - EP US)

Citation (search report)

- KEINE WEITERE DOKUMENTEN ERMITTELT.
- See references of WO 8908781A1

Cited by
US5400604A

Designated contracting state (EPC)
DE FR GB SE

DOCDB simple family (publication)
WO 8908781 A1 19890921; AU 3286389 A 19891005; AU 4188589 A 19891005; AU 615342 B2 19910926; AU 623387 B2 19920514; EP 0363497 A1 19900418; EP 0363497 A4 19910123; EP 0394452 A1 19901031; EP 0394452 A4 19910123; JP H02503461 A 19901018; JP H02503462 A 19901018; SU 1682628 A1 19911007; US 4979369 A 19901225; US 5014517 A 19910514; WO 8908780 A1 19890921

DOCDB simple family (application)
SU 8900036 W 19890210; AU 3286389 A 19890210; AU 4188589 A 19890210; EP 89903490 A 19890210; EP 89903491 A 19890210; JP 50324789 A 19890210; JP 50324889 A 19890210; SU 4391234 A 19880310; SU 8900035 W 19890210; US 43936689 A 19891114; US 43936889 A 19891114