

Title (en)
CORRUGATED STYLE ANODE ELEMENT FOR ION PUMPS

Title (de)
GEFALTETE ANODENELEMENTE FÜR IONENPUMPEN

Title (fr)
ELEMENT D'ANODE ONDULE POUR POMPES IONIQUES

Publication
EP 1200983 A2 20020502 (EN)

Application
EP 00916992 A 20000317

Priority
• EP 0002550 W 20000317
• US 12531799 P 19990319

Abstract (en)
[origin: WO0057452A2] An ion pump anode eliminates the intercellular spaces while maintaining an efficient cell shape in which the plasma sheath follows the contour of the cell wall. The cells are preferably quasi-cylindrical and can be manufactured by folding one or more metal strip into a corrugation and welding the strip to create separate cells. By eliminating the intercellular region, which supports a high plasma density, the formation of dendrites under such a region is prevented and instabilities caused by those dendrites are eliminated.

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H01J 41/20

IPC 8 full level
B01J 3/00 (2006.01); **H01J 41/20** (2006.01)

CPC (source: EP)
H01J 41/20 (2013.01)

Citation (search report)
See references of WO 0057452A2

Citation (examination)
EP 0647963 A2 19950412 - MARQUETTE ELECTRONICS INC [US]

Designated contracting state (EPC)
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