

Title (en)  
METALLIZED MEMBRANES

Publication  
**EP 0245684 A3 19881109 (DE)**

Application  
**EP 87106081 A 19870427**

Priority  
DE 3615831 A 19860510

Abstract (en)  
[origin: US4804475A] Polymer membranes metallized by wet chemistry are highly suitable, for example, for the separation of inert, reactive and fermentation gases. The metallization is carried out after activation with noble-metal complex compounds which have at least two functional groups. Preferred metal coatings are those of Cu, Co and Ni.

IPC 1-7  
**C23C 18/28**

IPC 8 full level  
**C23C 18/30** (2006.01); **C23C 18/28** (2006.01)

CPC (source: EP US)  
**C23C 18/28** (2013.01 - EP US)

Citation (search report)  
• [A] US 4557957 A 19851210 - MANNISO JAMES L [US]  
• [AD] EP 0166360 A2 19860102 - BAYER AG [DE]

Cited by  
EP1811016A4

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

DOCDB simple family (publication)  
**EP 0245684 A2 19871119; EP 0245684 A3 19881109; DE 3615831 A1 19871112; JP S62274075 A 19871128; US 4804475 A 19890214**

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**EP 87106081 A 19870427; DE 3615831 A 19860510; JP 10992087 A 19870507; US 4724187 A 19870507**