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PHYSIKALISCHE DAMPFABSCHIEDUNG MIT DREHZAHLAUSWAHL HINSICHTLICH DER  
ABSCHIEDUNGSGESCHWINDIGKEIT

DÉPÔT PHYSIQUE EN PHASE VAPEUR UTILISANT UNE VITESSE DE ROTATION CHOISIE EN  
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(56) References cited:  
**EP-A1- 0 972 853 US-A- 5 087 477**  
**US-A- 5 856 027 US-A1- 2003 180 571**  
**US-A1- 2003 203 127 US-B1- 6 221 512**  
**US-B1- 6 221 512**

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