

Title (en)  
CENTRIFUGAL PUMP IMPELLER WITH LOW SPECIFIC SPEED

Publication  
**EP 0449861 B1 19930519 (DE)**

Application  
**EP 90900104 A 19891212**

Priority  
DE 3843428 A 19881223

Abstract (en)  
[origin: WO9007650A1] A centrifugal pump impeller has blade channels (5) with a slot-shaped opening (6) in the impeller cover disks (3, 7) and in the region of the impeller outer diameter.

IPC 1-7  
**F04D 29/22**

IPC 8 full level  
**F04D 29/22** (2006.01)

CPC (source: EP US)  
**F04D 29/2222** (2013.01 - EP US); **F04D 29/2255** (2013.01 - EP US)

Designated contracting state (EPC)  
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**WO 9007650 A1 19900712**; DE 3843428 A1 19900705; DE 3843428 C2 19931209; DE 58904451 D1 19930624; EP 0449861 A1 19911009; EP 0449861 B1 19930519; US 5257910 A 19931102

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**EP 8901522 W 19891212**; DE 3843428 A 19881223; DE 58904451 T 19891212; EP 90900104 A 19891212; US 69104991 A 19910620