

Title (en)  
MOLDING NOZZLE GATE VALVE

Title (de)  
ABSPERRSCHIEBER FÜR SPRITZGIESSDÜSE

Title (fr)  
SOUPAPE D'ATTAQUE DE BUSE DE MOULAGE

Publication  
**EP 1490205 A4 20080514 (EN)**

Application  
**EP 02719391 A 20020329**

Priority  
US 0209916 W 20020329

IPC 1-7  
**B29C 45/23**

IPC 8 full level  
**B29C 45/28** (2006.01); **B29C 45/23** (2006.01); **B29C 45/27** (2006.01)

CPC (source: EP)  
**B29C 45/2806** (2013.01); **B29C 45/278** (2013.01); **B29C 2045/2889** (2013.01)

Citation (search report)

- [X] DE 3245571 A1 19840620 - MAENNER OTTO [DE], et al
- [X] JP H05309695 A 19931122 - TDK CORP
- [X] WO 0178961 A1 20011025 - MOLD MASTERS LTD [CA], et al
- See references of WO 03084732A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
AU 2002250477 A1 20031020; AU 2002250477 B2 20050505; EP 1490205 A1 20041229; EP 1490205 A4 20080514;  
JP 2005519793 A 20050707; JP 4121964 B2 20080723

DOCDB simple family (application)  
AU 2002250477 A 20020329; EP 02719391 A 20020329; JP 2003581956 A 20020329