

Title (en)  
Fast cleaning device

Title (de)  
Schnellreinigungsvorrichtung

Title (fr)  
Dispositif de nettoyage rapide

Publication  
**EP 0878578 A3 19990707 (DE)**

Application  
**EP 98102987 A 19980220**

Priority  
• DE 19724056 A 19970607  
• DE 29708459 U 19970513

Abstract (en)  
[origin: EP0878578A2] The valve or throttle unit (1), for fibre suspensions, has a divided hollow body (2) forming the hollow zone (2.1) so that, after opening, all the inner surfaces in front of the opening are accessible for cleaning without disconnecting the valve from the feed and/or outlet channels. Also claimed is an operation where the valve or throttle remains connected to the feed and outlet channels while a further opening in the valve housing is opened. The unit to change the cross section is removed from the housing, and the original inner surfaces are accessible for cleaning.

IPC 1-7  
**D21F 1/06**

IPC 8 full level  
**D21F 1/06** (2006.01)

CPC (source: EP)  
**D21F 1/06** (2013.01)

Citation (search report)  
• [X] US 4047695 A 19770913 - CLEVELAND JOHN T, et al  
• [X] US 5605172 A 19970225 - SCHUBERT MARK F [US], et al  
• [X] DE 2949860 A1 19810619 - NEUMO GMBH [DE]  
• [XA] EP 0303453 A1 19890215 - TK VALVE LTD [GB]  
• [X] GB 2125522 A 19840307 - ARCHER JOHN DAVID  
• [DA] DE 4402516 A1 19940707 - VOITH GMBH J M [DE]

Cited by  
AT409890B; DE19949067C1; US6612543B2

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

DOCDB simple family (publication)  
**EP 0878578 A2 19981118; EP 0878578 A3 19990707**

DOCDB simple family (application)  
**EP 98102987 A 19980220**