

Title (en)  
Exit tube for rotary impeller

Title (de)  
Austrittsrohr für ein Rotierendes Laufrad

Title (fr)  
Tube de sortie pour hélice rotative

Publication  
**EP 1074748 A1 20010207 (EN)**

Application  
**EP 00200986 A 20000317**

Priority  
IL 13122199 A 19990803

Abstract (en)  
To overcome a problem of reduced efficiency caused by a spiralling flow vector within the exit tube of a rotary impeller the exit tube (2) for the rotary impeller comprises a tubular member having a substantially circular inlet opening (4) and an outlet opening (6) of an elongated shape such as an oval, ellipse or flattened circle which renders the flow vector substantially perpendicular to the plane of the exit tube outlet. <IMAGE>

IPC 1-7  
**F04D 29/54**; **F01N 7/08**; **F01N 7/20**

IPC 8 full level  
**F01N 7/20** (2006.01); **F01N 13/20** (2010.01); **F04D 29/54** (2006.01)

CPC (source: EP)  
**F01N 13/20** (2013.01); **F04D 29/545** (2013.01); **F04D 29/548** (2013.01)

Citation (search report)  
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