

Title (en)  
Pump Impeller

Title (de)  
Pumpenlaufrad

Title (fr)  
Rouet de pompe

Publication  
**EP 1258635 A1 20021120 (EN)**

Application  
**EP 02076680 A 20020429**

Priority  
FI 20010887 A 20010427

Abstract (en)  
An impeller for a pump used for pumping liquid substances, such as waste water, said impeller containing at least one flow channel (2) of a spatially curved shape, wherein the flow channel is of an evenly curved shape and, in the final portion of the channel, the flow channel (2) meets itself, or another channel if the impeller has more than one flow channel. By using the impeller of the invention, a very high efficiency is achieved. <IMAGE>

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

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

CPC (source: EP)  
**F04D 29/225** (2013.01)

Citation (search report)  
• [X] GB 687514 A 19530218 - FAIRBANKS MORSE & CO  
• [DX] DE 3211230 A1 19830929 - PLEIGER MASCHF PAUL [DE]

Cited by  
US7837431B2; EP2930367B1

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DOCDB simple family (publication)  
**EP 1258635 A1 20021120; EP 1258635 B1 20060531**; AT E328203 T1 20060615; DE 60211797 D1 20060706; DE 60211797 T2 20070516; ES 2266401 T3 20070301; FI 110275 B 20021231; FI 20010887 A0 20010427; FI 20010887 A 20021028

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