

Title (en)  
CAVITATION-RESISTANT INDUCER

Publication  
**EP 0286809 B1 19911016 (EN)**

Application  
**EP 88102746 A 19880224**

Priority  
US 3662787 A 19870410

Abstract (en)  
[origin: EP0286809A2] An improvement in an inducer (18) for a pump wherein the inducer includes a hub, a plurality of radially extending substantially helical blades (22) and a wall member (24) extending about and encompassing an outer periphery of the blades (22). The improvement comprises forming adjacent pairs of blades (22) and the hub to provide a substantially rectangular cross-sectional flow area which cross-sectional flow area decreases from the inlet end of the inducer (18) to a discharge end of the inducer (18).

IPC 1-7  
**F04D 29/18**; **F04D 29/22**

IPC 8 full level  
**F04D 29/18** (2006.01); **F04D 29/22** (2006.01)

CPC (source: EP)  
**F04D 29/181** (2013.01); **F04D 29/2277** (2013.01)

Cited by  
CN112855608A; CN114922844A

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0286809 A2 19881019**; **EP 0286809 A3 19881102**; **EP 0286809 B1 19911016**; DE 3865490 D1 19911121; JP S63263300 A 19881031

DOCDB simple family (application)  
**EP 88102746 A 19880224**; DE 3865490 T 19880224; JP 8421488 A 19880407