

Title (en)  
PUMP HOUSING

Title (de)  
PUMPENGHÄUSE

Title (fr)  
CARTER DE POMPE

Publication  
**EP 1242744 A1 20020925 (EN)**

Application  
**EP 00982243 A 20001128**

Priority  
• US 0032384 W 20001128  
• US 16783999 P 19991129

Abstract (en)  
[origin: WO0138743A1] A pump housing (14, 16) has a fan guard (40) secured to the end of the housing by four crescent-shaped tabs (60) fitting into four crescent-shaped cast-in recesses (66) of the housing (14, 16) and ears (68) of the tabs (60) fitting into cast-in holes (70) in the housing (14, 16). The ears (68) and holes (70) on opposite sides of the housing (14, 16) are aligned along a common axis (80, 82). The ears (68) are tapered at their leading ends (90) and squared off at their trailing ends (92), and the guard (40) has a radial projection (56) that fits into an opening in the housing (14, 16).

IPC 1-7  
**F04D 29/70**; **F04B 39/06**

IPC 8 full level  
**F04D 29/00** (2006.01); **F04B 39/06** (2006.01); **F04D 29/42** (2006.01); **F04D 29/70** (2006.01)

CPC (source: EP)  
**F04B 39/066** (2013.01); **F04D 29/703** (2013.01)

Citation (search report)  
See references of WO 0138743A1

Cited by  
EP1936203A2

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**WO 0138743 A1 20010531**; AU 1930001 A 20010604; CA 2392909 A1 20010531; CA 2392909 C 20061010; CN 1246595 C 20060322; CN 1402815 A 20030312; DE 60027202 D1 20060518; DE 60027202 T2 20061214; EP 1242744 A1 20020925; EP 1242744 B1 20060405; JP 2003515061 A 20030422; JP 4052628 B2 20080227; MX PA02005296 A 20030922

DOCDB simple family (application)  
**US 0032384 W 20001128**; AU 1930001 A 20001128; CA 2392909 A 20001128; CN 00816392 A 20001128; DE 60027202 T 20001128; EP 00982243 A 20001128; JP 2001540058 A 20001128; MX PA02005296 A 20001128