

Title (en)  
Housing for a centrifugal pump.

Title (de)  
Topfgehäuse für Kreispumpen.

Title (fr)  
Boîtier pour pompes centrifuges.

Publication  
**EP 0101915 A2 19840307 (DE)**

Application  
**EP 83107263 A 19830725**

Priority  
DE 3232326 A 19820831

Abstract (en)  
[origin: US4536128A] The barrel housing of a multistage centrifugal pump has an elongated cylindrical main section and a discrete annular section which is inserted into one end portion and defines an annular shoulder facing the other end portion of the main section. The shoulder is engaged by the inner casing of the pump. The annular section can constitute a prefabricated component or is formed by cladding. The inlet opening of the housing is provided only in the one end portion of the main section, only in a portion of the annular section which extends outwardly beyond the one end portion of the main section, or is a composite opening having a first part in the one end portion of the main section and a registering second part in the annular section. The outlet opening for compressed fluid is provided in the other end portion of the main section.

Abstract (de)  
Die Erfindung betrifft ein Topfgehäuse für Kreispumpen, welches aus mehreren Teilen zusammengesetzt ist. Durch Verwendung von eingebrachten Teilen werden die Abstufungen innerhalb des Topfgehäuses erlangt, die zur Anlage der darin befindlichen Stufengehäuse erforderlich sind. Das neue Topfgehäuse ist ohne Beeinträchtigung der Festigkeit einfacher und universeller herzustellen und kommt mit erheblich verringerter spanender Bearbeitung aus.

IPC 1-7  
**F04D 29/42**

IPC 8 full level  
**C08F 4/62** (2006.01); **F04D 29/42** (2006.01)

CPC (source: EP US)  
**F04D 29/426** (2013.01 - EP US); **Y10T 29/49243** (2015.01 - EP US)

Cited by  
US10001143B2; CN109469646A; US2016003263A1; US10233945B2; WO2014060163A1

Designated contracting state (EPC)  
AT CH FR IT LI NL

DOCDB simple family (publication)  
**EP 0101915 A2 19840307; EP 0101915 A3 19850515; EP 0101915 B1 19870708**; AT E28231 T1 19870715; DE 3232326 A1 19840308; DE 3232326 C2 19851003; DK 163735 B 19920330; DK 163735 C 19920824; DK 377683 A 19840301; DK 377683 D0 19830818; IN 159738 B 19870606; JP S5944000 A 19840312; US 4536128 A 19850820

DOCDB simple family (application)  
**EP 83107263 A 19830725**; AT 83107263 T 19830725; DE 3232326 A 19820831; DK 377683 A 19830818; IN 935CA1983 A 19830728; JP 13423383 A 19830722; US 52205983 A 19830810