

Title (en)

Stage compartment structure for multistage pumps.

Title (de)

Struktur einer Stufe einer mehrstufigen Kreiselpumpe.

Title (fr)

Structure d'une cellule d'une pompe multicellulaire.

Publication

EP 0055426 A1 19820707 (EN)

Application

EP 81110541 A 19811217

Priority

IT 3090280 U 19801229

Abstract (en)

The structure comprises a sleeve-like case member (11) fitting, at the opposite ends thereof, into a respective identical sleeve-like case member (11) and clamping there-against an annular partition member (12) extending perpendicularly to the pump driving shaft (4), a sealing ring (14) being provided for tight sealing the cases (11) and partition member (12).

IPC 1-7

F04D 1/06; **F04D 29/62**

IPC 8 full level

F04D 1/06 (2006.01); **F04D 29/42** (2006.01)

CPC (source: EP)

F04D 1/066 (2013.01); **F04D 29/4266** (2013.01)

Citation (search report)

- DE 353978 C 19220531 - WILHELM LEHMANN, et al
- US 1366589 A 19210125 - PONTUS OSTENBERG
- FR 2349753 A1 19771125 - KLEIN SCHANZLIN & BECKER AG [DE]
- CH 303394 A 19541130 - WENGER HERMANN [DE], et al

Cited by

DE4310466A1; DE10126488A1; DE3816280A1; EP0492604A3; US5256033A; US5318403A; US5369972A; US7648337B2; CN100395455C; FR2776342A1; US5234317A; EP1469202A4; WO03062646A1; US7247001B2; WO03062645A1

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