

Title (en)

Centrifugal pump with check-valve

Title (de)

Kreiselpumpe mit Rückschlagventil

Title (fr)

Pompe centrifuge avec clapet de non-retour

Publication

EP 0979950 B1 20030820 (DE)

Application

EP 99112425 A 19990630

Priority

DE 19836625 A 19980813

Abstract (en)

[origin: EP0979950A1] The centrifugal pump has an induction connection (6) and a pressure connection (8) for joining to the connection flange (13) of a pipeline. One of the connectors has a receiver (15) for the insertion of an adapter (14) projecting over the edge (32) of the receiver. The adapter is sealed against the receiver on one side and against the connecting flange by its facing base surface.

IPC 1-7

F04D 29/40; **F04D 15/00**

IPC 8 full level

F04D 15/00 (2006.01); **F04D 29/40** (2006.01)

CPC (source: EP)

F04D 15/0083 (2013.01); **F04D 29/406** (2013.01)

Cited by

EP3441656A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0979950 A1 20000216; **EP 0979950 B1 20030820**; DE 19836625 A1 20000217; DE 59906651 D1 20030925

DOCDB simple family (application)

EP 99112425 A 19990630; DE 19836625 A 19980813; DE 59906651 T 19990630