

Title (en)

A SET OF PARTS FOR BEING ASSEMBLED TO FORM AN EJECTOR PUMP AND A METHOD OF USING AN EJECTOR PUMP

Title (de)

BAUTEILSATZ FÜR DEN ZUSAMMENBAU ZUR HERSTELLUNG EINER EJEKTORPUMPE UND VERFAHREN ZUR VERWENDUNG EINER EJEKTORPUMPE

Title (fr)

ENSEMBLE DE PIÈCES DESTINÉES À ÊTRE ASSEMBLÉES POUR FORMER UN ÉJECTEUR ET PROCÉDÉ D'UTILISATION D'UNE POMPE À ÉJECTEUR

Publication

EP 3085968 A1 20161026 (EN)

Application

EP 16166296 A 20160421

Priority

DK PA201570236 A 20150422

Abstract (en)

A set of parts for being assembled to form an ejector pump for pumping a medium using a motive fluid, the set of parts comprising a pump housing, a first nozzle member for introducing the motive fluid into the pump housing, a second, alternative nozzle member for introducing the motive fluid into the pump housing, a pipe having a constriction part for constricting a fluid flow and a diverging part for diffusing the fluid flow, the pump housing having a first inlet opening adapted to receive the first nozzle member, a second inlet opening adapted to receive the second nozzle member, and an outlet adapted to be connected in fluid communication with the constriction part of the pipe, so that the ejector pump is adapted to be assembled into a first and a second configuration, wherein in the first configuration the first nozzle member is received in the first inlet opening to serve to introduce the motive fluid into the pump housing, the second nozzle member does not serve to introduce the motive fluid into the pump housing, and the second inlet opening serves as a suction inlet for said medium, and in the second configuration the second nozzle member is received in the second inlet opening to serve to introduce the motive fluid into the pump housing, the first nozzle member does not serve to introduce the motive fluid into the pump housing, and the first inlet opening serves as a suction inlet for said medium.

IPC 8 full level

F04F 5/46 (2006.01); **F04F 5/54** (2006.01)

CPC (source: EP)

F04F 5/10 (2013.01); **F04F 5/46** (2013.01); **F04F 5/461** (2013.01); **F04F 5/54** (2013.01)

Citation (search report)

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- [A] US 5535770 A 19960716 - NURMI PEKKA [FI]
- [A] EP 2204562 A2 20100707 - GEN ELECTRIC [US]
- [A] WO 2012059773 A2 20120510 - TRANSVAC SYSTEMS LTD [GB], et al

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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