

Title (en)
FOOT FOR A PUMP

Title (de)
FUSS FÜR EINE PUMPE

Title (fr)
PIED POUR POMPE

Publication
EP 3875766 A1 20210908 (EN)

Application
EP 20160315 A 20200302

Priority
EP 20160315 A 20200302

Abstract (en)
A foot (106) for a pump (150). The foot (106) includes a base body (110), a coupling structure (112) and a front panel (114). The coupling structure (112) is coupled to the base body (110). The coupling structure (112) allows the foot (106) to pivotally move between a first stable position and a second stable position. The front panel (114) is coupled to the coupling structure (112). The front panel (114) is actuated by a user to move the foot (106) between the first stable position and the second stable position. The foot (106) is characterized in that it includes a first arm, a second arm and a third arm. The second arm is coupled to the base body at a second end. Further, a third arm is positioned to actuate both the first arm and the second arm. Moreover, the first arm, the second arm and the third arm are cooperatively movable relative to each other between the first stable position and the second stable position, such that the front panel is adapted to actuate the third arm to move against the first arm and the second arm. Thereby in the first stable position and the second stable position of the foot (106) the front panel (114) is adapted for the pump (150) to rest on it.

IPC 8 full level
F04D 13/08 (2006.01); **F04D 29/60** (2006.01)

CPC (source: EP)
F04D 13/08 (2013.01); **F04D 29/605** (2013.01); **F05D 2260/38** (2013.01); **F05D 2260/50** (2013.01)

Citation (applicant)
• CN 201568282 U 20100901 - NINGBO JUNHE PUMP INDUSTRY CO LTD, et al
• US 6215081 B1 20010410 - JENSEN BRIAN D [US], et al

Citation (search report)
• [XAI] US 2016161051 A1 20160609 - SALIN ROBERTO [IT]
• [A] US 2012234508 A1 20120920 - LUSK CRAIG PERRY [US], et al
• [A] JP H0517193 U 19930305
• [A] CN 103206386 B 20150408 - SUZHOU WODA GARDEN MACHINERY CO LTD

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3875766 A1 20210908; CN 114981543 A 20220830; EP 4115086 A1 20230111; WO 2021175500 A1 20210910

DOCDB simple family (application)
EP 20160315 A 20200302; CN 202180009821 A 20210108; EP 2021050229 W 20210108; EP 21700196 A 20210108