

Title (en)
Locking unit for a pump housing and pump

Title (de)
Rasteinrichtung für ein Pumpengehäuse und Pumpe

Title (fr)
Dispositif d'arrêt pour un boîtier de pompe et pompe

Publication
EP 2495447 A3 20140827 (DE)

Application
EP 12157678 A 20120301

Priority
DE 102011005140 A 20110304

Abstract (en)
[origin: EP2495447A2] The latching device (16) has an elongated latching hook (19) with a latching projection (20). A latching opening (30) for outwardly bounding snap tab (31) is formed in the housing portion (14), and the latching projection is provided on latching opening. One introduction bar (36) with an insertion bevel (37) for the latching hook is arranged in the underside of latching opening. Two latching tabs (40) are engaged into latching opening and provided with a free tab end projected into the path of latching hook when inserted into the latching opening. An independent claim is included for pump.

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

CPC (source: EP US)
F04D 29/426 (2013.01 - EP US); **F04D 29/628** (2013.01 - EP US); **Y10T 292/0911** (2015.04 - EP US); **Y10T 292/0926** (2015.04 - EP US)

Citation (search report)

- [IA] EP 0761984 A1 19970312 - FORD MOTOR CO [US]
- [A] EP 1529731 A1 20050511 - MAGIC PRODUCTION GROUP M P G S [LU]
- [A] US 6364618 B1 20020402 - MORENO ELEOBARDO [US]
- [A] US 4466754 A 19840821 - POITIER GERARD C M [FR]

Cited by
DE102017215107A1; WO2017140334A1; WO2021001069A1

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 2495447 A2 20120905; EP 2495447 A3 20140827; EP 2495447 B1 20200722; DE 102011005140 A1 20120906;
DE 102011005140 B4 20130627; PL 2495447 T3 20210125; US 2012224959 A1 20120906; US 9011095 B2 20150421

DOCDB simple family (application)
EP 12157678 A 20120301; DE 102011005140 A 20110304; PL 12157678 T 20120301; US 201213410653 A 20120302