

Title (en)  
VANE FOR ROTARY PUMP

Title (de)  
FLÜGEL FÜR KREISELPUMPE

Title (fr)  
PALETTE POUR POMPE ROTATIVE

Publication  
**EP 4242424 A1 20230913 (EN)**

Application  
**EP 22461522 A 20220309**

Priority  
EP 22461522 A 20220309

Abstract (en)  
A vane (16) for use in a rotary pump "R" is described herein wherein said vane (16) comprises a first portion P1 having a first thickness T1 and a second portion P2 which has a second thickness T2 that is greater than the first thickness T1. In some examples, the vane has an L-shaped cross-section. In other examples, said second portion P2 has a circular cross-section.

IPC 8 full level  
**F01C 21/08** (2006.01); **F04C 2/344** (2006.01); **F04C 28/28** (2006.01)

CPC (source: EP US)  
**F01C 21/0809** (2013.01 - EP US); **F04C 2/3442** (2013.01 - EP); **F04C 2/3446** (2013.01 - US); **F04C 28/28** (2013.01 - EP); **F04C 2220/10** (2013.01 - EP); **F04C 2270/86** (2013.01 - EP)

Citation (search report)

- [X] US 2004136852 A1 20040715 - HEDRICK GEOFFREY S M [US], et al
- [X] GB 2292186 A 19960214 - ROE JOHN RICHARD NEVILLE [GB]
- [X] CN 202971178 U 20130605 - ZHEJIANG XIANDING HYDRAULICS CO LTD
- [X] US 3744939 A 19730710 - GRENNAN C, et al
- [X] US 2014000447 A1 20140102 - TING CHIH-MING [TW]

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4242424 A1 20230913**; US 2023287794 A1 20230914

DOCDB simple family (application)  
**EP 22461522 A 20220309**; US 202318178054 A 20230303