

Title (en)
A SELF-LUBRICATING PUMP ARRANGEMENT

Title (de)
SELBSTSCHMIERENDE PUMPENANORDNUNG

Title (fr)
AGENCEMENT DE POMPE AUTO-LUBRIFIANTE

Publication
EP 3259479 B1 20210331 (EN)

Application
EP 16751803 A 20160218

Priority
• AU 2015900565 A 20150219
• AU 2016000045 W 20160218

Abstract (en)
[origin: WO2016131080A1] A self-lubricating pump arrangement including a fluid flow guide arrangement adapted to take fluid from the suction side to the discharge side of the pump and a re-directed fluid guide arrangement adapted to take a portion of the exiting fluid flow being discharged and re-direct that taken portion of fluid flow to lubricate the drive shaft responsible for the pumping action of the self-lubricating pump arrangement.

IPC 8 full level
F04D 13/06 (2006.01); **F04D 29/047** (2006.01); **F04D 29/056** (2006.01); **F04D 29/06** (2006.01); **F04D 29/58** (2006.01)

CPC (source: EP)
F04D 13/06 (2013.01); **F04D 29/047** (2013.01); **F04D 29/0473** (2013.01); **F04D 29/061** (2013.01); **F04D 29/5806** (2013.01); **F04D 29/5813** (2013.01); **F04D 29/586** (2013.01)

Citation (examination)
US 5464333 A 19951107 - OKADA KAZUO [JP], et al

Cited by
WO2024047032A1

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

DOCDB simple family (publication)
WO 2016131080 A1 20160825; AU 2016222258 A1 20170921; AU 2016222258 B2 20210422; CN 107429699 A 20171201; EP 3259479 A1 20171227; EP 3259479 A4 20181107; EP 3259479 B1 20210331; ES 2877430 T3 20211116

DOCDB simple family (application)
AU 2016000045 W 20160218; AU 2016222258 A 20160218; CN 201680011250 A 20160218; EP 16751803 A 20160218; ES 16751803 T 20160218