

Title (en)  
PLASTIC PUMP CASING MADE OF AN INNER SHELL AND AN OUTER SHELL, WITH FILLING MATERIAL IN BETWEEN

Title (de)  
KUNSTSTOFF-PUMPENGEHÄUSE, DAS AUS EINER INNENSCHALE UND EINER AUSSENSCHALE BESTEHT, MIT FÜLLMATERIAL DAZWISCHEN

Title (fr)  
CARTER DE POMPE EN PLASTIQUE FAIT D'UNE COQUILLE INTÉRIEURE ET D'UNE COQUILLE EXTÉRIEURE, AVEC UN MATÉRIAU DE REMPLISSAGE ENTRE LES DEUX

Publication  
**EP 3077679 B1 20200226 (DE)**

Application  
**EP 14808615 A 20141205**

Priority  
• DE 102013225065 A 20131206  
• EP 2014076706 W 20141205

Abstract (en)  
[origin: WO2015082679A1] The invention relates to a pump housing made of plastic. Said housing is provided with a first casing that has a first side facing the pumped medium, and a second casing that has a second side facing the environment. The pump housing is characterized in that the first casing and the second casing are both dimensionally stable and in that there is a space between the first casing and the second casing.

IPC 8 full level  
**F04D 29/02** (2006.01); **F04D 1/06** (2006.01); **F04D 29/42** (2006.01)

CPC (source: EP IL US)  
**F04D 1/063** (2013.01 - EP IL US); **F04D 29/026** (2013.01 - EP IL US); **F04D 29/426** (2013.01 - EP IL US); **F04D 29/4286** (2013.01 - IL US); **F04D 29/5893** (2013.01 - IL US); **F05B 2230/60** (2013.01 - EP IL US); **F05B 2240/14** (2013.01 - EP IL US); **F05B 2280/4003** (2013.01 - EP IL US); **F05B 2280/4011** (2013.01 - EP IL US); **F05B 2280/6003** (2013.01 - EP IL US); **F05B 2280/6012** (2013.01 - EP IL US); **F05D 2300/43** (2013.01 - EP IL US); **F05D 2300/603** (2013.01 - EP IL US)

Citation (examination)  
• EP 1972788 A1 20080924 - IHC HOLLAND IE BV [NL]  
• US 3876327 A 19750408 - LOBANOFF VALENTEEN S

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 2015082679 A1 20150611**; CN 105814318 A 20160727; CN 105814318 B 20181214; CY 1122921 T1 20211029; DE 102013225065 A1 20150611; DE 102013225065 B4 20160414; DK 3077679 T3 20200518; EP 3077679 A1 20161012; EP 3077679 B1 20200226; IL 245929 A0 20160731; IL 245929 B 20200730; JP 2016540158 A 20161222; JP 6345246 B2 20180620; JP 6345246 B6 20180718; US 10415589 B2 20190917; US 2016312794 A1 20161027

DOCDB simple family (application)  
**EP 2014076706 W 20141205**; CN 201480066334 A 20141205; CY 201100464 T 20200521; DE 102013225065 A 20131206; DK 14808615 T 20141205; EP 14808615 A 20141205; IL 24592916 A 20160530; JP 2016536130 A 20141205; US 201415102055 A 20141205