

Title (en)
Fluid flow divider.

Title (de)
Flüssigkeitsströmungsteiler.

Title (fr)
Diviseur de courant liquide.

Publication
EP 0593125 A1 19940420 (EN)

Application
EP 93202868 A 19931012

Priority
GB 9221624 A 19921015

Abstract (en)
An apparatus for the division of a fluid flow from a source into a plurality of streams, in which each arm contains a set of two-gear meshing gears coupled with a common shaft which can be rotated by turbine action by fluid passing along the arm and through gaps in the meshing gears, or the conduit contains a three- or more- gear set of meshing gears coupled with a common shaft which can be rotated by turbine action by fluid flowing through gaps in the gears. <IMAGE>

IPC 1-7
F15B 11/22

IPC 8 full level
B67D 7/74 (2010.01); **F15B 11/22** (2006.01); **G03C 1/74** (2006.01)

CPC (source: EP)
F15B 11/22 (2013.01)

Citation (search report)

- [A] GB 812979 A 19590506 - JOHN CHRISTOPHER MONAHAN
- [A] FR 931388 A 19480220
- [A] FR 2371590 A1 19780616 - LUCAS INDUSTRIES LTD [GB]
- [A] US 2386219 A 19451009 - LAUCK JOHN A
- [A] DE 2038268 A1 19710211 - SHIMADZU CORP
- [X] "Flow Equalizer", PRODUCT ENGINEERING, vol. 26, no. 3, March 1955 (1955-03-01), pages 152 - 153
- [X] STEWART: "Synchronising Motions with Hydraulic Cylinders", MACHINE DESIGN, 2 May 1957 (1957-05-02), pages 94 - 97

Cited by
KR20100131428A; US8387648B2; WO2010142842A1; WO2009098352A1

Designated contracting state (EPC)
BE DE FR GB

DOCDB simple family (publication)
EP 0593125 A1 19940420; GB 9221624 D0 19921125; JP H06239400 A 19940830

DOCDB simple family (application)
EP 93202868 A 19931012; GB 9221624 A 19921015; JP 25686593 A 19931014