

Title (en)
DELIVERY CONTROLLING DEVICE FOR VARIABLE DELIVERY PISTON PUMPS

Publication
EP 0271456 A3 19891213 (EN)

Application
EP 87830429 A 19871203

Priority
IT 4872686 A 19861210

Abstract (en)
[origin: EP0271456A2] A device for adjusting the delivery of a pump for metering liquid products, particularly in agriculture, to be applied in precisely delivered dosed amounts, comprises an excentric bearing driving shaft (3), on which a cam (16) is mounted in an excentrically offset manner, the excentricity of which can be controlled by means of a gear driven by an operator through a control wheel (7), so that the parts with an excentric motion are reduced in number and a precise metering is ensured in view of a full turn of the wheel (7) varying the pump delivery from a minimum to a maximum.

IPC 1-7
F04B 49/00

IPC 8 full level
F04B 49/12 (2006.01)

CPC (source: EP US)
F04B 49/126 (2013.01 - EP US)

Citation (search report)
• [X] US 2592237 A 19520408 - BRADLEY EARL H
• [A] AT 258067 B 19671110 - JESSE GERHARD [DE]
• [A] DE 887717 C 19530827 - ANDREAS HOFER HOCHDRUCK APPBAU
• [A] DD 40427 A

Cited by
US7637202B2; WO2005057007A1

Designated contracting state (EPC)
FR GB NL

DOCDB simple family (publication)
EP 0271456 A2 19880615; EP 0271456 A3 19891213; EP 0271456 B1 19920513; IT 1199304 B 19881230; IT 8648726 A0 19861210

DOCDB simple family (application)
EP 87830429 A 19871203; IT 4872686 A 19861210