

Title (en)  
Variable-delivery pump

Title (de)  
Pumpe mit veränderlicher Durchflussmenge

Title (fr)  
Pompe à débit variable

Publication  
**EP 0745774 A3 19970604 (EN)**

Application  
**EP 96108447 A 19960528**

Priority  
IT TO950441 A 19950530

Abstract (en)  
[origin: EP0745774A2] A variable-delivery pump (1) has a first compression stage (18) and at least one second compression stage (23) with respective inlet passages (21) (28) communicating with an inlet (6) of the pump (1), in use, and respective exhaust openings (22) (29) for communicating with a delivery outlet (7) of the pump (1) itself; the pump (1) further being provided with a valved selector unit (30) interposed between the inlet passages (21) (28) and the exhaust passages (22) (29) which can be actuated to connect the passages (21) (22) (28) (29) together and to select different operative conditions for the stages (18) (23) according to the pressure of the fluid directed to the delivery outlet (7).  
<IMAGE>

IPC 1-7  
**F04C 15/04**; **F04C 2/10**

IPC 8 full level  
**F04C 2/10** (2006.01); **F04C 14/12** (2006.01)

IPC 8 main group level  
**F04B** (2006.01)

CPC (source: EP)  
**F04C 14/12** (2013.01); **F04C 2270/052** (2013.01); **F04C 2270/56** (2013.01)

Citation (search report)  
• [XY] DE 3837599 A1 19900510 - DAIMLER BENZ AG [DE]  
• [X] US 4502845 A 19850305 - CHANA HOWARD E [US]  
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DE102014205970A1

Designated contracting state (EPC)  
DE ES FR GB

DOCDB simple family (publication)  
**EP 0745774 A2 19961204**; **EP 0745774 A3 19970604**; **EP 0745774 B1 20020220**; DE 69619298 D1 20020328; DE 69619298 T2 20021107; ES 2173222 T3 20021016; IT 1279571 B1 19971216; IT TO950441 A0 19950530; IT TO950441 A1 19961130

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