

Title (en)

CIRCUIT FOR OPERATING ELECTROMAGNETIC USERS

Publication

**EP 0429573 B1 19930811 (DE)**

Application

**EP 90906897 A 19900516**

Priority

DE 3920064 A 19890620

Abstract (en)

[origin: WO9015922A1] The invention relates to a circuit for operating electromagnetic users, especially magnetic valves in internal combustion engines. To ensure the lowest possible losses, it is proposed to provide at least two mutually independent controllable connecting devices (4, 5) which apply different voltages (U1?, U2?) to the user (1).

IPC 1-7

**F02D 41/20**

IPC 8 full level

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CPC (source: EP)

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Citation (examination)

Montanari Adriano, "Misure elettroniche", September 1985, Edizioni Cupido, (Potenza, Picena, MC) siehe Seite 66, Zeilen 1-22

Cited by

US7738234B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**WO 9015922 A1 19901227**; BR 9006811 A 19910806; DE 3920064 A1 19910103; DE 59002301 D1 19930916; EP 0429573 A1 19910605; EP 0429573 B1 19930811; JP H04500399 A 19920123

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