

Title (en)

Fuelling nozzle with power assist opening.

Title (de)

Kraftstoffausgabe-Pistole mit hilfskraftbetätigtem Getriebe zu ihrer Öffnung.

Title (fr)

Lance de distribution d'hydrocarbure munie d'une commande assistée de son ouverture.

Publication

EP 0489448 B1 19941228 (FR)

Application

EP 91202765 A 19911025

Priority

FR 9013622 A 19901102

Abstract (en)

[origin: EP0489448A1] The invention relates to a power-assisted system for opening a fuelling nozzle. The outer member (52) for power-assisted opening of the main valve (16) acts on a pilot valve (34) with a small passage section, the opening of which causes the opening of the main valve. The seat (32) of the pilot valve is formed in the main valve (16). Moreover, the nozzle comprises at its end (60) a valve (62) serving to prevent dripping. Implementation of the latter is linked to the opening of the pilot valve (34) by means of the power-assisted trigger (52) and of a chamber (72) connected to the upstream part (12), where a high pressure prevails, via the spherical valve (74). <IMAGE>

IPC 1-7

B67D 5/377

IPC 8 full level

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CPC (source: EP US)

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Cited by

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