

Title (en)
DISCHARGE AND FILL DEVICE FOR A GAS CYLINDER

Title (de)
AUSLASS-UND FÜLLGERÄT FÜR EINE GASFLASCHE

Title (fr)
DISPOSITIF DE DECHARGE ET DE REMPLISSAGE DESTINE A UNE BOUTEILLE A GAZ

Publication
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Application
EP 95941631 A 19951122

Priority
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• EP 9504689 W 19951122
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Abstract (en)
[origin: WO9616290A1] Discharge and fill device (1) for use on a cylinder (2) for storing gas at elevated pressure, which device (1) comprises a T-piece (3) and a pressure regulator (4), wherein the T-piece (3) is provided with a fill end (10), a connector end (11) having connection means (12) for connecting the T-piece (3) to a boss (9) of the cylinder (2), a discharge end (13), an open-ended main passage (15) extending between the fill end (10) to the connector end (11), an open-ended discharge passage (16) extending from the main passage (15) to the discharge end (13), a non-return inlet valve (20) arranged in the main passage (15) near the fill end (10), and a discharge control valve (22) arranged in the discharge passage (13), and wherein the pressure regulator (4) is provided with an inlet end (31) which is in fluid communication with the discharge end (13) of the T-piece (3), an outlet end (33) provided with means (34) for connecting an appliance to it, and with means (37) for operating the discharge control valve (22).

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IPC 8 full level
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Cited by
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WO 9616290 A1 19960530; AU 4300396 A 19960617; AU 688651 B2 19980312; BR 9509746 A 19971021; CN 1046582 C 19991117; CN 1164274 A 19971105; DE 69504873 D1 19981022; DE 69504873 T2 19990218; DK 0807226 T3 19990614; EP 0807226 A1 19971119; EP 0807226 B1 19980916; ES 2122705 T3 19981216; HK 1001779 A1 19980710; JP 3583439 B2 20041104; JP H10510350 A 19981006; MA 23724 A1 19960701; MX 9703751 A 19970930; MY 124281 A 20060630; NZ 297763 A 19980427; PL 177214 B1 19991029; PL 320331 A1 19970929; TN SN95118 A1 19960206; TR 199501479 A2 19960721; ZA 959854 B 19960604

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