

Title (en)
ACTUATING MECHANISM FOR PRESSURIZED FLUID CONTAINERS.

Title (de)
BETÄTIGUNGSMECHANISMUS FÜR UNTER DRUCK STEHENDE FLÜSSIGKEITSBEHÄLTER.

Title (fr)
MECANISME D'ACTIONNEMENT POUR RECIPIENT DE FLUIDE SOUS PRESSION.

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Abstract (en)
[origin: WO9003926A2] This invention comprises an activating means (1) for releasing fluid from a pressurized container (10) and a nozzle means (8) for directing the fluid therethrough to a desired location. The activating means (1) comprises a lever (7) which transmits an applied force to a flange (30) which exerts a downward force to the top of a spout (22) in a valve assembly (6) used to release the contents of a pressurized container (10). When force is applied to the lever (7), the flange (30) rotates about a fulcrum A located at a higher elevation than the point at which the flange (30) contacts the spout (22). This results in a trigger mechanism (7) with a high degree of leverage. The nozzle means (8) contains a first joint for rotating a first barrel (41) of the nozzle 360 DEG around a first axis defined by the first barrel (41) of the nozzle and a second joint for rotating a second barrel (65) of the nozzle at least 180 DEG around an axis perpendicular to the first axis. This combination results in a nozzle (8) that can point in virtually any direction without the necessity of moving the source of the fluid directed through the nozzle (8).

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