

Title (en)

Safety filling and emptying nozzle for liquid, viscous or powdery materials

Title (de)

Sicherheitsfüll- und -entleerventil für flüssige, pastöse und pulverförmige Medien

Title (fr)

Buse de remplissage et soutirage de sécurité adaptée à des matières liquides, pâteuses et pulvérulentes

Publication

EP 0588070 B1 19961120 (DE)

Application

EP 93113042 A 19930814

Priority

DE 9212623 U 19920918

Abstract (en)

[origin: US5484004A] There is disclosed a transfer closure valve for safely filling and emptying containers of any type with a liquid, pasty or powdery medium. The medium flows from a barrel into another container without escaping into the environment. The closure valve has a first housing in which is arranged a rotatable or slidable second housing which is fixed to a filler pipe. The second housing is provided with a lifting mechanism for lifting and lowering a lifting cap which opens or closes a lower outlet opening of the first housing. In a first position of the second housing the lifting cap closes the outlet opening, whilst in a second position of the second housing the filler pipe is brought into register with an upper connecting piece of the first housing and the lower outlet opening of the first housing.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Cited by

CN107188105A; CN103879944A; WO9705811A1; EP0777606B1

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