

Title (en)

ARRANGEMENT OF PUMPS AND DISPENSERS FOR HIGHLY VISCOUS LIQUIDS

Title (de)

ANORDNUNG ZUM PUMPEN UND DISPENSIEREN VON HOCHVISKOSEN FLÜSSIGKEITEN

Title (fr)

AGENCEMENT POUR LE POMPAGE ET LA DISTRIBUTION DE LIQUIDES HAUTEMENT VISQUEUX

Publication

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Application

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Priority

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- DE 4108586 A 19910314

Abstract (en)

[origin: WO9216450A1] The invention concerns an arrangement of pumps and dispensers for highly viscous liquids with a high solids contents or a content of solids in larger segments, in particular for use with viscous foodstuffs. The substance to be delivered is supplied in a flexible, collapsible plastics container (1). The plastics container is inserted in a pressure vessel (3) connected to a pressure generator (4) which introduces a pressurized medium, in particular air or water, into the space between the plastics container and the pressure vessel. The substance to be delivered is discharged at the end of a delivery tube (7) connected in a pressure-tight manner to the plastics container. The delivery tube is associated with a squeezing device (10-13) comprising a plurality of functionally harmonized squeezing elements which force the substance to be delivered through the delivery tube. The resultant arrangement for discharging viscous liquids is structurally simple and ecological and has optimal microbiological properties.

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- EP 0266201 A1 19880504 - COCA COLA CO [US]
- EP 0266202 A1 19880504 - COCA COLA CO [US]
- EP 0339110 A1 19891102 - FRISMAG AG [CH]

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