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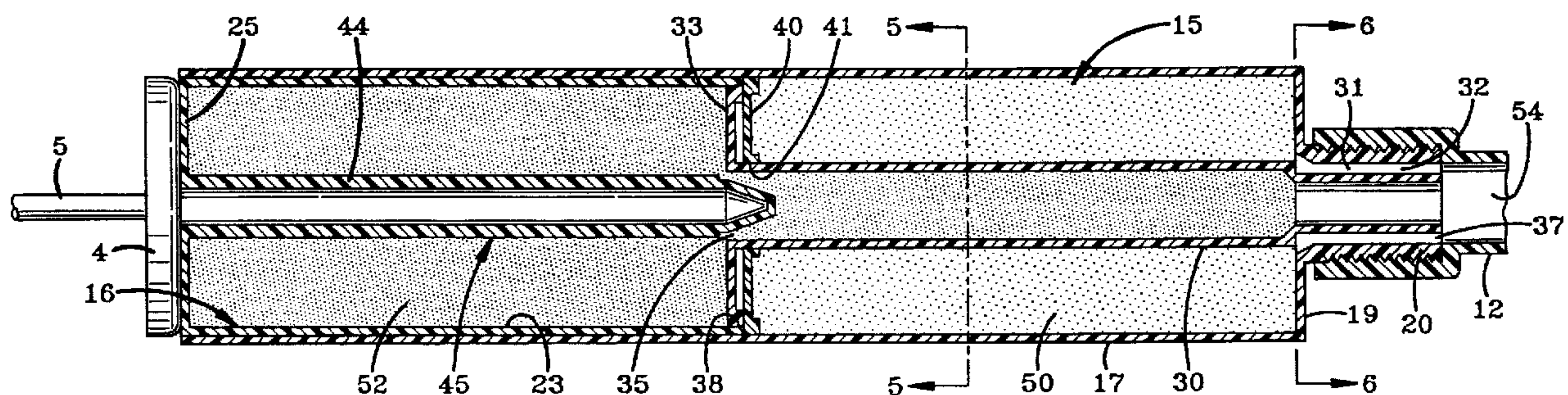
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(54) Title: DUAL PRODUCT DISPENSER



(57) Abrégé/Abstract:

A dispenser for simultaneously dispensing and mixing a pair of fluid products such as chemically reactive resins, from a pair of axial adjacent front and rear chambers. A piston is mounted within each of the chambers and is moveable with respect to the hollow interior of the respective chamber for dispensing the fluid product therefrom. Telescopic movement of the rear chamber within the front chamber moves the pistons synchronously through the chambers to provide for controlled discharge of the products through a front discharge nozzle. A fixed hollow delivery tube extends through the interior of the front chamber and telescopically receives therein a post which is mounted on a rear wall of the rear chamber. The rear chamber has a relatively tight sliding fit within the front chamber so that a partial vacuum is formed within an annular space which forms between the two pistons as they move apart upon discharge of the two products to produce a "suck back" effect on product remaining in the discharge nozzle.

ABSTRACT OF THE DISCLOSURE

5 A dispenser for simultaneously dispensing and mixing
a pair of fluid products such as chemically reactive resins,
from a pair of axial adjacent front and rear chambers. A
piston is mounted within each of the chambers and is moveable
with respect to the hollow interior of the respective chamber
for dispensing the fluid product therefrom. Telescopic
movement of the rear chamber within the front chamber moves
10 the pistons synchronously through the chambers to provide for
controlled discharge of the products through a front discharge
nozzle. A fixed hollow delivery tube extends through the
interior of the front chamber and telescopically receives
therein a post which is mounted on a rear wall of the rear
15 chamber. The rear chamber has a relatively tight sliding fit
within the front chamber so that a partial vacuum is formed
within an annular space which forms between the two pistons
as they move apart upon discharge of the two products to
produce a "suck back" effect on product remaining in the
20 discharge nozzle.

