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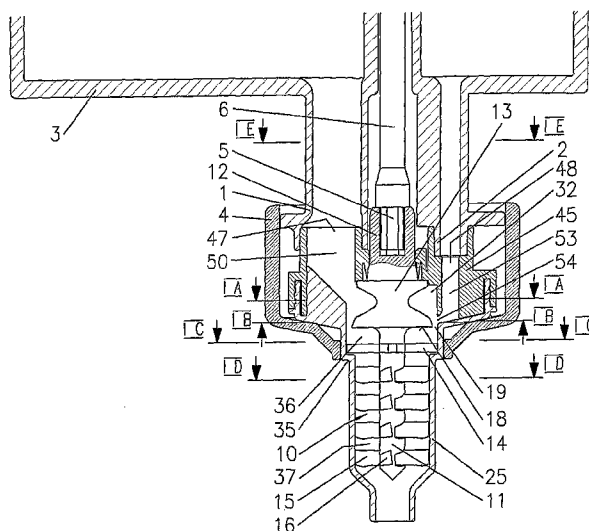
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(54) Title: DYNAMIC MIXER



(57) Abstract: The dynamic mixer for mixing components in different volumetric amounts comprises a rotor housing (25) in which a mixing rotor is arranged and which is closed on the inlet side by a cover (45) on which inlets for the components are arranged. The inlet (47) for the first component having the larger volumetric amount leads to an antechamber (32) that communicates with a following mixing chamber (36) by at least one passage (19). The mixing rotor (10) includes a distributor body (13) located in the antechamber for distributing the first component around the axis of rotation of the mixing rotor. The inlet (48) for the second component having the smaller volumetric amount leads to at least one inlet opening (54) located in the area of the passage to the mixing chamber transversally to the axis of rotation. The mixer allows to obtain the correct mixing ratio from the beginning, as well as an optimum and largely bubble-free mixture, and this is achieved at a lower feed pressure, a lower torque, and a lower temperature increase than in conventional mixers.

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