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(54) Title: MIXER FOR MIXING OF LIQUIDS OR SUSPENSIONS AND METHOD FOR MIXING

(57) Abstract

A mixer for liquid or suspensions comprises two mixing chambers (2, 3) provided each with an outer inlet (10, 12). The chambers are connected to each other in such a way that the first chamber (2) leads to the second chamber (3). A number of mixing elements (6, 7) are arranged on a rotating axis (5) which is common for the two chambers. The mixing elements have different shapes in the two chambers. In the first chamber (2) the mixing elements are arranged to achieve a mixing by means of large shear forces. In the second chamber the mixing elements are arranged to achieve a mixing by stirring mainly without shear forces. A method for continuous mixing comprises mixing a little amount of a first liquid with a considerably larger amount of a second liquid in a first mixing chamber in which the mixing takes place by way of high shear forces. The obtained mixture is subjected to mixing by stirring mainly without shear forces in a second mixing chamber.

