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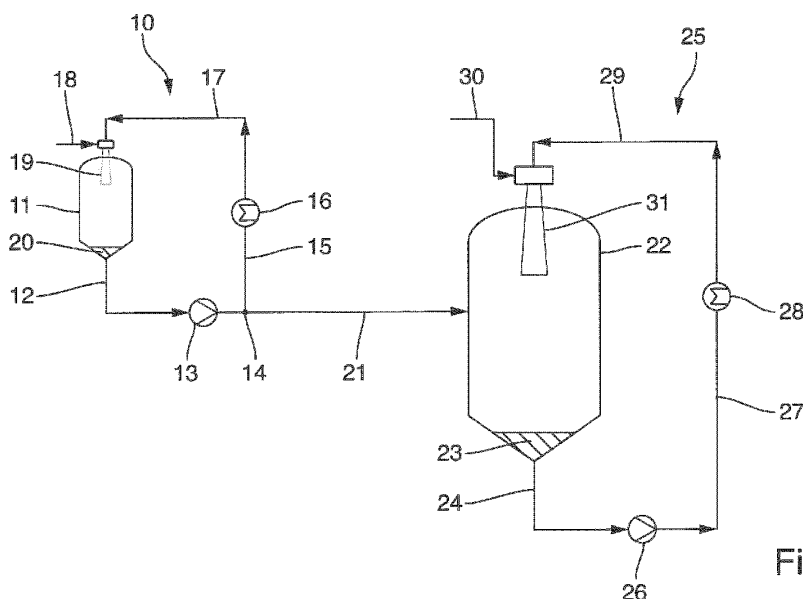


Fig. 1

(57) Abstract: The present invention refers to a process for the production of alkoxyates by reacting at least one monomeric educt in the presence of a catalyst and a starting material in at least one first reactor (11) equipped with a first circulation loop (10) and thereafter passing the product of the first circulation loop (10) to at least one second reactor (22) equipped with a second circulation loop (25), wherein the first reactor (11) comprises a smaller volume than the second reactor (22) and wherein in the first reactor (11) a pre-polymer is produced which thereafter is passed to the second reactor (22), wherein the desired polymer is produced. The present invention provides an improved process for the production of alkoxyates with a high growth ratio and without the need of interim storage of the pre-polymer produced in the first reactor.

[Continued on next page]

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