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(54) Title: UPFLOW FIXED BED REACTOR WITH PACKING ELEMENTS**(57) Abstract**

A reactor system for conducting chemical reactions is presented in which a reactor (4) is operated in an upflow mode with a fixed bed catalyst (25) and randomly distributed reactor packing therein (24). The reactor system and the process in which it is used exhibit plug flow behaviour and are amenable to employing lightly cross-linked ion exchange resin catalysts.

