

Reactor system and use thereof

Abstract

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The present invention relates to a reactor system (1) comprising

- a reactor (3),
 - at least one cooler (5) connected to the reactor (3),
 - at least one pump (7) for circulating at least some of a liquid heat-transfer medium (9),
- 10 wherein the pump (7) is connected to the reactor (3) and/or the at least one cooler (5),
and

- a container (11) for collecting the liquid heat-transfer medium (9), wherein the container (11) is connected to the reactor (3) and/or the at least one cooler (5),
- 15 wherein the container (11) is disposed below the reactor (3) and/or the at least one cooler (5).

Moreover, the use of the reactor system (1) according to the invention for carrying out exothermic reactions is described.