

Title (en)
PARALLEL BATCH REACTOR

Title (de)
DISKONTINUIERLICH ARBEITENDER PARALLELREAKTOR

Title (fr)
RÉACTEUR À FONCTIONNEMENT DISCONTINU EN PARALLÈLE

Publication
EP 2160237 A2 20100310 (EN)

Application
EP 08727236 A 20080331

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- US 80322407 A 20070514
- US 80334907 A 20070514
- US 80334807 A 20070514

Abstract (en)
[origin: WO2008143739A2] In one embodiment, a parallel batch reactor for effecting chemical reactions includes a vessel block comprising reactor vessels for receiving components of a reaction and a valve block removably attached to the vessel block. The valve block includes a first plurality of valves in fluid communication with an inlet port for supplying pressurized fluid to the reactor vessels and configured to fluidically isolate one or more of the reactor vessels from at least one of the other reactor vessels. The valve block further includes a second plurality of valves in fluid communication with the reactor vessels for injecting chemical components into the pressurized reactor vessels or sampling chemical components from the pressurized reactor vessels. The vessel block and valve block are configured to sustain an operating pressure of at least 15 psig.

IPC 8 full level
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Citation (search report)
See references of WO 2008143739A2

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AL BA MK RS

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