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Gas–solid thermochemical heat storage reactors for high-temperature applications

Z.H. Pan, C.Y. Zhao



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Highlights

- Packed bed, continuous, and direct-type reactors are reviewed.
- An overview of available heat storage systems for different reactors is given.
- Various numerical studies for different reactors are discussed.
- Energy and energy efficiencies for different systems are analyzed.
- Feasible reactors for various high-temperature gas–solid reactions are evaluated.

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