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A novel approach for process retrofitting through process intensification: ethylene oxide case study

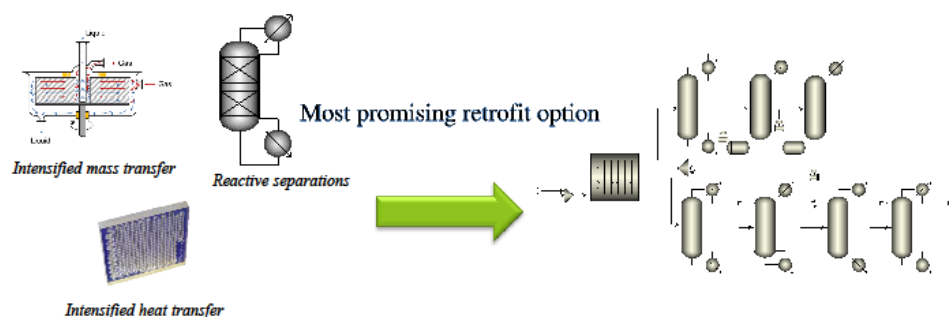
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Graphical abstract



Highlights

- A methodology for process retrofitting by means of PI technologies was developed.
- Screening of PI options is based on a broad equipment and technologies database.
- The database is connected to external tools enabling fast analysis.
- Intensified technologies tailored for the analysed bottleneck are determined.
- The methodology is illustrated using ethylene oxide production as a case study.

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