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Selective separation and recovery of vanadium from a multiple impurity acid leaching solution of stone coal by emulsion liquid membrane using di-(2-ethylhexyl)phosphoric acid

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Graphical abstract



Highlights:

- ELM was applied to recover vanadium from stone coal leaching solution.
- The vanadium extraction was 97.2% by the designed flow sheet.
- Vanadium was selectively recovered over impurities in one stage.

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