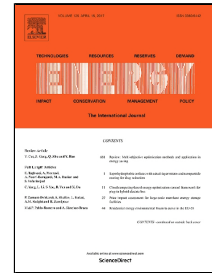


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Development and experimental study of an ammonia water absorption refrigeration prototype driven by diesel engine exhaust heat

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Highlights

1. Side cooling rectification and side heating generation are designed.
2. An active open heat pipe technology is used for taking the exhaust heat.
3. Small channel tube bundle heat exchangers are employed.
4. The prototype produces cooling capacity of 33.8 kW and thermal COP of 0.53.

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