

Title (en)

Ejector for solid oxide electrolysis cell stack system

Title (de)

Auswerfer für Festoxid-Elektrolysezellenstapelsystem

Title (fr)

Éjecteur pour système d'empilement de cellule d'électrolyse d'oxyde solide

Publication

**EP 2940773 A1 20151104 (EN)**

Application

**EP 14166323 A 20140429**

Priority

EP 14166323 A 20140429

Abstract (en)

The invention concerns a process for producing carbon monoxide (CO) from carbon dioxide (CO<sub>2</sub>) in a solid oxide electrolysis cell (SOEC) or SOEC stack system where an ejector provides a surplus pressure to feed the process gas to a process gas separator and possibly a further ejector provides surplus pressure to recycle at least a part of the waste gas stream from the process gas separator to the inlet side of the SOEC stack.

IPC 8 full level

**H01M 8/06** (2006.01); **H01M 8/04** (2006.01); **H01M 8/12** (2006.01)

CPC (source: EP)

**C25B 1/00** (2013.01); **C25B 9/19** (2021.01)

Citation (applicant)

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Citation (search report)

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