

Title (en)

METHOD FOR PRODUCING SYNTHESIS GAS BY CO-ELECTROLYSIS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON SYNTHESSEGAS DURCH CO-ELEKTROLYSE

Title (fr)

PROCEDE DE PRODUCTION DE GAZ DE SYNTHESE PAR COELECTROLYSE

Publication

EP 3077575 A1 20161012 (FR)

Application

EP 14793491 A 20141027

Priority

- FR 1362167 A 20131205
- EP 2014072967 W 20141027

Abstract (en)

[origin: WO2015082130A1] The production of synthesis gas including carbon monoxide and dihydrogen using a co-electrolyser (10) which takes water and carbon dioxide at the inlet (14) and delivers said synthesis gas at the outlet (16), implements the recycling of a fraction (F11) of the synthesis gas (F1) delivered at the outlet (16) of the co-electrolyser (10) to the inlet (14) of the co-electrolyser (10). The recycling comprises an adjustment of the quantity (F11) of recycled synthesis gas carried out in such a way as to regulate the temperature of the synthesis gas (F1) delivered at the outlet (16) of the co-electrolyser (10).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2015082130A1

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