

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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DOCDB simple family (publication)
WO 2015082130 A1 20150611; EP 3077575 A1 20161012; FR 3014451 A1 20150612; FR 3014451 B1 20160101

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