

Title (en)

APPARATUS AND METHOD FOR CONTINUOUS FERMENTATION OF SYNTHESIS GAS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR KONTINUIERLICHEN FERMENTATION VON SYNTHESSEGAS

Title (fr)

APPAREIL ET PROCÉDÉ DE FERMENTATION CONTINUE DE GAZ DE SYNTHÈSE

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Application

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Abstract (en)

[origin: WO2021047794A1] The present invention relates to a method and an apparatus for continuous fermentation of synthesis gas at a processing pressure, which is in a range from 1.1 to 200 bar, preferably 2 to 20 bar. In addition, the apparatus has a reactor (1), into which at least two supply devices for reactant and additives open, and which is connected to a gas outlet, which has a pressure regulating device (7) and an outlet apparatus for an aqueous solution (W). According to the invention, the outlet apparatus is a pump-less operated outlet apparatus having an outlet line (2) with a time-controlled high-pressure valve (3) for controlling an opening and closing time.

IPC 8 full level

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