

Title (en)

Process and apparatus for the preparation of synthesis gas.

Title (de)

Verfahren und Vorrichtung zur Herstellung von Synthesegas.

Title (fr)

Procédé et appareil pour la préparation de gaz de synthèse.

Publication

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Application

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Priority

DE 3315917 A 19830502

Abstract (en)

Process and apparatus for producing synthesis gas by partial combustion of carbon-containing fuel with oxygen-containing gas in a reactor in which molten slag is removed through a slag discharge in the bottom and passed by gravity into a water bath where it is solidified by quenching. The slag is passed in the water bath through a sloping screen covering the total horizontal cross section of the bath and slag captured by the screen is conducted to the wall of the bath.

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