

Title (en)

Coal gasification process and apparatus therefor.

Title (de)

Verfahren und Vorrichtung zur Kohlenvergasung.

Title (fr)

Procédé et appareil pour la gazéification du charbon.

Publication

EP 0249233 A2 19871216 (EN)

Application

EP 87108457 A 19870611

Priority

JP 13366986 A 19860611

Abstract (en)

The invention provides a coal gasification process and apparatus therefor in which coal (1) or other hydrocarbon is carried by a gas produced by an air separating apparatus, supplied into a coal gasifying oven (16) along with a gasifying agent also produced by the air separating apparatus and reacted at a high temperature and under a high pressure to produce a combustible gas (3). According to this invention, since both gasifying agent and coal carrier gas used for coal gasification can be produced at the same time from air (4) without using much energy for the production, the equipments necessary for the gasification can be noticeably reduced in size and also the cost of producing electricity by coal gas power generation can be reduced.

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Cited by

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