

Title (en)

METHOD OF GASIFYING SOLID CARBONACEOUS MATERIALS AND APPARATUS THEREFOR

Publication

**EP 0210613 A3 19870616 (EN)**

Application

**EP 86110312 A 19860725**

Priority

JP 16697885 A 19850727

Abstract (en)

[origin: EP0210613A2] A method and apparatus for gasifying a solid carbonaceous material in a molten metal bath are disclosed. The solid carbonaceous material is blown onto and/or into the molten metal bath together with a gasifying agent in a gasification chamber and the resulting slag is removed through a slag chamber provided adjacent to the gasification chamber. At least part of the slag chamber is filled with lumps of a solid carbonaceous material, and the resulting slag is removed through a space packed with the lumps, and the product gas is recovered through a space packed with the lumps.

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Citation (search report)

- [A] PATENTS ABSTRACTS OF JAPAN, vol. 6, no. 177 (C-124)[1055], 11th September 1982; & JP-A-57 94 094 (SUMITOMO KINZOKU KOGYO K.K.) 11.06.1982
- [A] PATENTS ABSTRACTS OF JAPAN, vol. 7, no. 56 (C-155)[1201], 8th March 1983; & JP-A-57 205 486 (SUMITOMO KINZOKU KOGYO K.K.) 16.12.1982

Cited by

CN107043639A; EP0790291A3; US5776455A; US5911985A

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