

Title (en)

APPARATUS AND PROCESS FOR THE TREATMENT OF A MATERIAL UNDER PYROLYTICAL CONDITIONS, AND USE THEREOF

Title (de)

VORRICHTUNG UND VERFAHREN ZUR BEHANDLUNG EINES MATERIALS UNTER PYROLYTISCHEN BEDINGUNGEN UND VERWENDUNG DAVON

Title (fr)

DISPOSITIF ET PROCEDE PERMETTANT LE TRAITEMENT D'UN MATERIAU DANS DES CONDITIONS PYROLYTIQUES ET UTILISATION DE CEUX-CI

Publication

EP 1551939 A1 20050713 (EN)

Application

EP 03772207 A 20031003

Priority

- EP 03772207 A 20031003
- EP 0311337 W 20031003
- EP 02079164 A 20021004

Abstract (en)

[origin: EP1405895A1] A treatment apparatus (1) for treatment of a material, e.g. iron ore, under pyrolytical conditions, comprises a housing (2) having an extrusion screw (3) for processing the material. An independent claim is also included for treatment of a material under pyrolytical conditions in three phases, comprising a heating phase of the material, a reaction phase in which the material may become at least partially plastic and a third phase in which one or more processed products are formed. The processed products are formed from the material in a housing while the material and the products in the housing are transported forcibly.

IPC 1-7

C10B 7/10; **C10B 47/44**; **B01J 19/20**

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

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