

Title (en)

Method and apparatus for gasifying or combusting solid carbonaceous material.

Title (de)

Methode und Vorrichtung zur Vergasung oder Verbrennung von kohlenstoffhaltigem festen Material.

Title (fr)

Méthode et appareil pour la gaziéficacion ou le combustible de matériaux carbonisés solides.

Publication

EP 0545387 A1 19930609 (EN)

Application

EP 92120575 A 19921202

Priority

FI 915690 A 19911203

Abstract (en)

A method and apparatus for gasifying or combusting solid carbonaceous material in a fluidized bed reactor (10). The fine particulates separated from the gases issued from the gasification or combustion are introduced into an ash heating chamber (18), where at least a portion of the ashes contained in the fine particulates is caused to melt at a raised temperature. The fine particulates containing molten ash are circulated through a return duct (46) back to the combustion chamber (12) of the fluidized bed reactor. The return duct is supplied with cooling gas and/or cooling liquid through openings (49) or pores in the wall (48) of the return duct, for cooling and granulating the fine particulates containing molten ash. <IMAGE>

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IPC 8 full level

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Citation (search report)

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