

Title (en)
BURNER FOR THE PARTIAL COMBUSTION OF FINELY DIVIDED SOLID FUEL

Publication
EP 0108425 B1 19870506 (EN)

Application
EP 83201026 A 19830711

Priority
GB 8224139 A 19820823

Abstract (en)
[origin: EP0108425A1] Process and burner for the partial combustion of a finely divided solid fuel with oxygen. A core of finely divided solid fuel, surrounded by oxygen or oxygen-containing gas and an annulus of finely divided solid fuel around the oxygen or oxygen-containing gas are introduced into a reactor space via a burner. The solid fuel is centrally (10) introduced into the burner, whereas oxygen or oxygen-containing gas is separately introduced into the burner outside (14) the central solid fuel channel (10). In the burner the oxygen or oxygen-containing gas is caused to flow inwardly (16) into the central channel (10) for supplying the oxygen or oxygen-containing gas into the reactor space between the core and the annulus of solid fuel.

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IPC 8 full level
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Cited by
EP1616126A4; CN114992631A; KR20150001791A; AU2012324965B2; CN113862039A; KR20130115268A; AU2011310704B2; US9382488B2; US10066832B2; WO2013057133A1; WO2008087134A1; WO2012041808A1; US8584605B2; US9353941B2; US9822967B2

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