

Title (en)
PARTIAL COMBUSTION BURNER WITH SPIRAL-FLOW COOLED FACE

Publication
EP 0328794 B1 19910508 (EN)

Application
EP 88202798 A 19881206

Priority
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Abstract (en)
[origin: EP0328794A1] A burner for the partial combustion of a solid carbonaceous fuel wherein coal, e.g., finely divided coal, is supplied to a reactor space via a central channel disposed along the longitudinal axis of the burner, and oxygen-containing gas is supplied via at least an annular channel surrounding said central channel, and heat from the combustion is removed from the hollow front face of the burner by coolant flowed through said front face spirally about the longitudinal axis of the burner.

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C10J 3/48

IPC 8 full level
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CPC (source: EP)
C10J 3/487 (2013.01); **C10J 3/506** (2013.01); **C10J 2300/1223** (2013.01)

Cited by
CN114621793A; US2022136456A1; US11480133B2; CN116477641A; AU2008285638B2; US9546784B2; WO2009019272A1; US8689708B2; WO2013150008A1; US9032623B2; WO2012041808A1; US8545726B2; US10066832B2; KR101535474B1; WO2009131532A1

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