

Title (en)
ARRANGEMENT FOR A GASIFIER AND DIRECT REDUCTION FURNACE

Publication
EP 0166679 B1 19880113 (DE)

Application
EP 85730074 A 19850529

Priority
DE 3422185 A 19840612

Abstract (en)
[origin: US4605205A] In the case of an arrangement comprising a gasifier and a direct reduction shaft furnace positioned above it and which is connected to the gasifier by a connecting shaft, the direct introduction of the reduction gas obtained in the gasifier, even in the case of a high dust proportion, is made possible in that the sponge iron particles are discharged through several radially positioned screw conveyors and the reduction gas is fed to an annular zone formed above the screw conveyors.

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C21B 13/14; F27B 1/20

IPC 8 full level
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CPC (source: EP KR US)
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Cited by
EP2586877A4; EP3255157A1; RU2740743C2; US6086653A; EP0299231A1; AU748791B2; DE19750773A1; DE19750773C2; AT406299B; CN1071381C; EP3255158A1; RU2715932C1; US6391249B1; US11697855B2; US6224647B1; WO9746719A1; WO9828448A1; WO2017211956A1; US8124005B2; US8361190B2; US6213762B1; US11773459B2; WO9911825A1; WO9821537A1; WO9904045A1; WO2017211939A1

Designated contracting state (EPC)
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