Title (en)

PROCESS TO OBTAIN HIGH-TEMPERATURE REACTIONS

Publication

EP 0222433 B1 19890222 (DE)

Application

EP 86201796 A 19861016

Priority

DE 3540206 A 19851113

Abstract (en)

[origin: EP0222433A1] 1. Process for carrying out high-temperature reactions between hot gas and previously heated solids, which during the high-temperature treatment lose their ability to flow freely, in a substantially vertical conveyor passage with subsequent cooling and separation from gas, characterized in that the heated solids are supplied from below and in the direction of conveyance trough a burner flame located in the lower region of the conveyor passage (17), they are caused to pass through a sufficiently long reaction zone and after the reaction has been completed they are coded to at least the temperature at which the ability to flow freely is achieved with an unchanged direction of flow by the separate addition of cooling agent downstream in the direction of flow.

IPC 1-7

F27B 15/00

IPC 8 full level

B01J 6/00 (2006.01); **B01J 8/08** (2006.01); **B01J 8/26** (2006.01); **C01F 7/44** (2006.01); **C04B 2/10** (2006.01); **C04B 7/43** (2006.01); **F27B 15/00** (2006.01)

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