

Title (en)

Plant comprising a shaft, in particular a reduction shaft furnace

Title (de)

Anlage mit einem Schacht, insbesondere Reduktionsschachtofen

Title (fr)

Installation comportant une cuve, en particulier four à cuve de réduction

Publication

**EP 0516613 B1 19960703 (DE)**

Application

**EP 92890127 A 19920526**

Priority

AT 109491 A 19910529

Abstract (en)

[origin: US5271609A] In a plant including a shaft, which, in its upper end region, includes a gas exhaust device and a charging arrangement for continuously charging bulk material, a temperature measuring device for measuring the temperature of the gas emerging from the bulk material is provided. In order to ensure the uniform treatment of the bulk material, i.e., a uniform gas passage through the same over the entire cross section of the shaft at little structural expenditures, several temperature measuring devices are provided in the upper end region of the shaft, distributed in a cross sectional plane, and the charging arrangement includes several tubular mouth pieces for forming at least one conical pile within the shaft, which are adjustable relative to the shaft cross section in the radial direction.

IPC 1-7

**C21B 7/20**; **C21B 13/02**

IPC 8 full level

**C21B 11/02** (2006.01); **C21B 7/20** (2006.01); **C21B 13/02** (2006.01)

CPC (source: EP KR US)

**C21B 7/20** (2013.01 - EP US); **C21B 13/00** (2013.01 - KR); **C21B 13/02** (2013.01 - EP US)

Cited by

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