

Title (en)

METHOD AND APPARATUS FOR REDUCING THE PRESSURE IN BLAST FURNACE CHARGE HOPPERS TO NEARLY ATMOSPHERIC PRESSURE BY SIMULTANEOUS TOP GAS RECOVERY

Publication

EP 0135667 A3 19861022 (DE)

Application

EP 84105481 A 19840515

Priority

DE 3335045 A 19830928

Abstract (en)

[origin: EP0135667A2] 1. A method for reducing the pressure in blast furnace charge hoppers to nearly atmospheric pressure with residual pressure relief by way of silencers into the atmosphere and simultaneous top gas recovery, characterised in that the quantity of relieved gas is intermediately stored in a float tank (7) and is cleaned of dust therein.

IPC 1-7

C21B 7/18

IPC 8 full level

C21B 7/00 (2006.01); **C21B 7/18** (2006.01)

CPC (source: EP)

C21B 7/007 (2013.01)

Citation (search report)

- [AD] DE 3026019 C2 19830120
- [AD] SU 761567 A1 19800907 - VNI PI OCHISTKE T GAZOV [SU]
- [AP] DE 3245374 C1 19840322 - MANNESMANN AG
- [A] DE 919161 C 19541014 - KOPPERS GMBH HEINRICH
- [A] PATENT ABSTRACTS OF JAPAN, Band 5, Nr. 148 (C-72)[820], 18. September 1981; & JP-A-56 081 608 (NITSUSHIN SEIKOU) 03.07.1981
- [A] PATENT ABSTRACTS OF JAPAN, Band 6, Nr. 165 (C-121)[1043], 28. August 1982; & JP-A-57 082 412 (SHIN NIPPON SEITETSU) 22.05.1982

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EP 0135667 A2 19850403; EP 0135667 A3 19861022; EP 0135667 B1 19880706; AT E35557 T1 19880715; DE 3335045 A1 19850411; DE 3335045 C2 19901031

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