

Title (en)

PROCESS FOR THE DRY COOLING OF COKE, AND COOLING CHAMBER THEREFOR

Publication

**EP 0085369 A3 19850109 (DE)**

Application

**EP 83100551 A 19830122**

Priority

DE 3202645 A 19820128

Abstract (en)

[origin: US4508596A] A method for the dry cooling of coke comprises transferring the coke from the coke oven to a special bucket which is moved over a charging hole of a cooling pit. The space between the bucket and the charging hole is closed off and sealed against the atmosphere and a shutter which closes the top of the charging hole is moved upwardly and then transversely off the charging hole to open it as an intermediate charging guide piece is moved in position between the hole and the bucket for the transfer of the coke therebetween. The space between the bucket and the charging hole is sealed by a frame of a sluicing device in which the shutter and the intermediate charging hole guidepiece is movable. The device advantageously runs on wheels which are located outside the frame which seals the space between the charging bucket and the charging pit. The frame of the sluicing device advantageously includes a sealing element which engages into a recess seal combined around the charging hole.

IPC 1-7

**C10B 39/02**; **C10B 25/22**; **B65D 90/58**; **F27B 1/20**

IPC 8 full level

**B65D 90/58** (2006.01); **C10B 25/22** (2006.01); **C10B 39/02** (2006.01); **F27B 1/20** (2006.01)

CPC (source: EP US)

**C10B 25/22** (2013.01 - EP US); **C10B 39/02** (2013.01 - EP US)

Citation (search report)

- [AD] DE 3004175 A1 19810806 - HARTUNG KUHN & CO MASCHF [DE]
- [A] EP 0033446 A2 19810812 - KRUPP KOPPERS GMBH [DE]

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CN112195031A; DE4102045C2; EP0690118A1; WO9213043A1

Designated contracting state (EPC)

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**EP 0085369 A2 19830810**; **EP 0085369 A3 19850109**; **EP 0085369 B1 19870610**; DE 3202645 A1 19830804; DE 3202645 C2 19860828; DE 3371995 D1 19870716; JP S58136689 A 19830813; JP S602344 B2 19850121; US 4508596 A 19850402

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