

Title (en)
COKE CONTAINER WITH COVER

Publication
EP 0087694 B2 19900912 (DE)

Application
EP 83101556 A 19830218

Priority
DE 3206938 A 19820226

Abstract (en)
[origin: US4521279A] A method of dry cooling coke using a coke transporting bucket which has a removable cover with an exhaust pipe extending from the interior of the bucket to an exterior exhaust connection and a cooling shaft for the coke comprises directing red hot coke into the bucket, covering the bucket with the cover and transporting the coke to the cooling shaft and connecting the exhaust pipe to the exhaust system while the bucket is in the shaft and emptying the bucket into the cooling shaft. The coke transporting bucket comprises a container having a bottom discharge which is closable by a flap and a removable cover which seats around the rim of the container to seal it. An exhaust pipe is carried by the cover and it extends into the interior thereof for removing gases from within the bucket and delivering them to an exterior connection which is connectable to an exhaust line. One or two exhaust pipes may be provided on the cover and each includes cover flaps which are biased into a closed position but which open to connect to the exhaust system when the cover is positioned to engage the exhaust line. The cover advantageously includes longitudinal girders which extend outwardly from each side or end of the cover and provide a means for supporting the cover when the bucket is lowered beneath a support structure to free the cover from the bucket.

IPC 1-7
C10B 39/02; **C10B 31/02**

IPC 8 full level
C10B 31/02 (2006.01); **C10B 39/02** (2006.01)

CPC (source: EP US)
C10B 39/02 (2013.01 - EP US)

Cited by
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EP 0087694 A2 19830907; **EP 0087694 A3 19850116**; **EP 0087694 B1 19870429**; **EP 0087694 B2 19900912**; DE 3206938 A1 19830915; DE 3206938 C2 19870108; DE 3371221 D1 19870604; JP S58157890 A 19830920; JP S5949274 B2 19841201; US 4521279 A 19850604; US 4559107 A 19851217

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