

Title (en)
COKE DRY QUENCHING CHAMBER

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Application
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Priority
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Abstract (en)
[origin: US4832795A] The invention relates to a coke dry cooling chamber with vertical outer walls constructed as cooling walls and parallel vertical cooling walls positioned in the cooling chamber, with supporting walls running crosswise to them. Pursuant to the invention, the cooling walls and supporting walls taper as they descend and the different coke cooling shafts created by them correspondingly broaden as they descend. A particular embodiment of the invention provides that diaphragm pipe walls constructed as cooling walls are equipped with flat outer abrasion plates. The space between the diaphragm walls, embodied in a pipe-stay-pipe construction, and the abrasion plates is filled with a highly heat-conductive material, graphite, for example.

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