

Title (en)

Coating for end plates and heat exchanger tubes for cooling medium

Title (de)

Beschichtung für Rohrböden und Kühlmittelrohre von Wärmetauschern

Title (fr)

Revêtement pour plaques tubulaires et tubes de réfrigérant pour échangeurs de chaleur

Publication

EP 0679853 B1 19971022 (DE)

Application

EP 94106304 A 19940422

Priority

EP 94106304 A 19940422

Abstract (en)

[origin: EP0679853A1] A coating for tube bottoms (A) and incoming/outgoing coolant tubes (B) in heat exchangers, esp. steam condensers, is based on hardening plastic mixt. (I) and is produced by cleaning the substrate surfaces with abrasive, closing the inlets and outlets with removable stoppers, applying \geq one coat of (I) to (A), hardening the coating, rubbing down, removing the stoppers, injecting \geq one layer of (I) \geq at the entrance of (B) and allowing to harden. The coating in the tubes (B) is reactively bonded to the coating on (A) by matching the application times accordingly, and the coating in (B) has a greater elasticity than that on (A), with an elongation at break (DIN 53152) which is \geq 2% higher. Also claimed is the above coating process as such. <IMAGE>

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IPC 8 full level

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CPC (source: EP US)

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Cited by

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