

Title (en)

TRANSFER LINE EXCHANGER WITH THERMAL SPRAY COATING

Title (de)

TRANSFERLEITUNGSWÄRMETAUSCHER MIT THERMISCHER SPRÜHBESCHICHTUNG

Title (fr)

ÉCHANGEUR DE CONDUITE DE TRANSFERT AVEC REVÊTEMENTS PAR PULVÉRISATION THERMIQUE

Publication

**EP 4134614 A1 20230215 (EN)**

Application

**EP 21190831 A 20210811**

Priority

EP 21190831 A 20210811

Abstract (en)

The present disclosure refers to transfer line exchangers with improved cooling capacity, equipped with a thermal spray coating in crackers and a method for the maintenance of transfer line exchangers with the help of a thermal spray coating. In some embodiments, the thermal spray coating is obtained from a spray material formed of Cr<sub>3</sub>C<sub>2</sub> and a NiCr alloy. Preferably, the spray coating material comprises at least 60 wt.-%, preferably at least 70 wt.-% of Cr<sub>3</sub>C<sub>2</sub>, based on the total weight of the spray material.

IPC 8 full level

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CPC (source: EP)

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Designated contracting state (EPC)

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