

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  
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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.

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Citation (applicant)  
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