

Title (en)

REDUCTION AND REMOVAL OF PROCESS OXIDES ON STAINLESS STEEL

Title (de)

REDUKTION UND ENTFERNUNG VON PROZESSOXIDEN AUF ROSTFREIEM STAHL

Title (fr)

RÉDUCTION ET ÉLIMINATION D'OXYDES DE TRAITEMENT SUR DE L'ACIER INOXYDABLE

Publication

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Application

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Priority

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Abstract (en)

[origin: US2020270719A1] Oxides formed during annealing of stainless steel strip are removed with abrasive brushes, in lieu of acid or molten salt based pickling. In some embodiments, the stainless steel strip is treated with a rare earth element or a related transition metal before annealing, and then brushed after annealing to remove any oxides. The selection of brushes can impart a finished appearance to conventionally polished stainless steel.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2020172554A1

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