

Title (en)

METHOD FOR PHOSPHATIZING METAL SURFACES WITH IMPROVED PHOSPHATE RECOVERY

Title (de)

VERFAHREN ZUR PHOSPHATIERUNG VON METALLOBERFLÄCHEN MIT VERBESSERTER PHOSPHAT-RÜCKGEWINNUNG

Title (fr)

PROCEDE DE PHOSPHATATION DE SURFACES METALLIQUES PRESENTANT UN MEILLEUR TAUX DE RECUPERATION DE PHOSPHATE

Publication

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Application

EP 03795846 A 20031126

Priority

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Abstract (en)

[origin: WO2004050949A1] The novel method for phosphatizing metal surfaces is characterized by guiding a wash fluid after phosphation into a cleaning solution or recovering a wash liquid before phosphation. At least a part of said wash liquid is removed, mixed with a precipitant for heavy metal cations and the solution is subjected to filtration, preferably membrane filtration. Cleansing anions, especially phosphate ions, are recovered from the substantially heavy metal-free filtration permeate via anion exchange, reverse osmosis or precipitation and are optionally reused.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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