

Title (en)
ANTI-CORROSION SYSTEM FOR STEEL

Title (de)
ROSTSCHUTZSYSTEM FÜR STAHL

Title (fr)
SYSTÈME ANTICORROSION POUR L'ACIER

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Application
EP 12809115 A 20121210

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Abstract (en)
[origin: WO2013083293A1] The present invention relates to a method of manufacturing a coated steel substrate which comprises the steps of: (i) providing a steel substrate; (ii) preparing a first coating mixture comprising nanocontainers with nanoscale corrosion inhibitors contained therein; (iii) preparing a second coating mixture comprising a curable organic component; (iv) combining the first coating mixture and the second coating mixture; (v) applying the combined mixture on the steel substrate; (vi) curing the combined mixture so as to produce a dense network structure of the coating for barrier and active corrosion protection of the steel substrate.

IPC 8 full level
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Citation (search report)
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Cited by
CN111607283A; GB2604784A; WO2021084271A1

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