

Title (en)
APPARATUS FOR AND METHOD OF CHROMIZING ARTICLES

Publication
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Application
EP 89908116 A 19890519

Priority
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Abstract (en)
[origin: WO8912701A1] An apparatus (10) and a method for applying a chromized coating (46, 60, 62, 66) to one or more of the surfaces of an article (44, 56, 58, 64) particularly in those situations in which the article (44, 56, 58, 64) is intended to be employed in an application wherein the article (44, 56, 58, 64) will be subject to corrosion. The subject apparatus (10) includes a foundation (12), a retort (16) for receiving the articles (44, 56, 58, 64) to which the chromized coating is to be applied, an inlet (24) formed in the retort (16) for supplying a fluid medium therewithin, an outlet (26) formed in the retort (16) for enabling the fluid medium to exit therefrom after passing therethrough, supports (14) for supporting the retort (16) in spaced relation to the foundation (12), a furnace (28) which is movable to and from a position wherein the furnace (28) is located in surrounding relation to the retort (16) such that the furnace (28) is operative to effect the heating of the retort (16) for a preestablished period of time at a predetermined temperature, an inlet (38) formed in the furnace (28) for supplying a fluid medium therewithin, an outlet (40) formed in the furnace (28) for enabling the fluid medium to exit therefrom after passing therethrough, and seals (42) for sealing off the furnace (28) and thereby also the retort (16) from the environment surrounding the furnace (28) while the retort (16) is being heated by the furnace (28).

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