

ABSTRACT OF THE DISCLOSURE
ANODIZING METHOD AND APPARATUS FOR PERFORMING THE SAME

An anodizing treatment process is performed while the following apparatuses (A) to (D) are simultaneously operated:

5 (A) a vibrationally fluidly stirring apparatus for the treatment bath, in which a vibration vane is vibrated at an amplitude of 0.5 to 3.0 mm and at a vibrational frequency of 200 to 800 times per minute to generate vibrational flow in the treatment bath;

10 (B) an aeration apparatus for the treatment bath, which comprises a ceramic diffusing pipe having a pore-size of 10 to 400 μ m and porosity of 30 to 40 %;

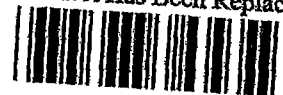
(C) an apparatus for applying vibration to the metal body through an electrode bar on which the metal body is hung in an
15 amplitude from 0.5 to 1.0 mm and at a frequency of 100 to 300 times per minute; and

(D) an apparatus for swinging an electrode bar for suspending the metal body thereon, which generates a swinging motion of the metal body at a swinging amplitude of 10 to 100 mm
20 and a frequency of 10 to 30 times per minute through the electrode bar.

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