This Sheet Has Been Replaced



THIS SHEET HAS BEEN REPLACED

ABSTRACT (Fig. 1)

A method of cleaning metal articles comprises the steps of cleaning metal articles with alkaline washing water, rinsing the metal articles with deoxidized rinsing water, removing water from the metal articles by blowing dry vapor on the metal articles and drying the metal articles in a heated atmosphere. Further, an apparatus for cleaning metal articles comprises a washing reservoir (5; 53) for containing alkaline washing water, a rinsing water deoxidizing device (27), a rinsing reservoir (17; 54) connected to the rinsing water deoxidizing device (27), for containing deoxidized rinsing water supplied from the rinsing water deoxidizing device (27), a boiler (33), a water-removing reservoir (29) connected to the boiler (33) and supplied with dry vapor from the boiler (33), and a drying reservoir (30; 49) having an interior (58; 59) in which a heated atmosphere is created, which reservoirs are arranged in this order. Still further, an apparatus for rinsing metal articles comprises a rinsing water deoxidizing device (27) for producing deoxidized rinsing water, and a rinsing reservoir (17; 54) connected to the rinsing water deoxidizing device (27) and supplied therefrom with the deoxidized rinsing water for rinsing the metal articles in the rinsing reservoir (17; 54). More further, an apparatus for removing water from metal articles comprises a water-removing reservoir (29) and a boiler (33) for producing dry vapor and supplying the dry vapor to the water-removing reservoir (29).