

Title (en)
Coated aluminum strip and method for manufacturing

Title (de)
Beschichteter Aluminiumstreifen und Verfahren zur Herstellung

Title (fr)
Bande d'aluminium revêtu et procédé de fabrication

Publication
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Application
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Abstract (en)
The invention relates to a method for manufacturing a strip made of aluminum or an aluminum alloy as well as to a coated aluminum or aluminum alloy strip, a formed metal part made of said aluminum or aluminum alloy strip as well as to an apparatus for carrying out the inventive method. The object of the present invention to provide a method for manufacturing an aluminum strip or an aluminum alloy strip, which can be formed into a coated products with an improved corrosion resistance with low defective products is solved by a method for manufacturing a strip made of aluminum or an aluminum alloy comprising the steps of: - degreasing and anodizing the surface of the strip by immersing the strip in an acid electrolyte bath and applying AC current, optionally followed by a desmutting step and - applying a passivation layer on the surface of the strip by a no-rinse coil coating process.

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Citation (applicant)
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• [XAY] US 3902976 A 19750902 - WALLS JOHN E
• [XI] DE 102011002837 A1 20120719 - HENKEL AG & CO KGAA [DE]
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