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(54) **Pickling kit for aluminum substrates and method of pickling**

(57) The present invention provides a pickling method for aluminum substrate

which comprises supplementing, in the course of pickling of an aluminum substrate, a pickling agent with a solution (A) and a solution (B) to thereby uphold the formulated components within the above concentration ranges, said pickling agent containing 3000 to 50000 ppm of sulfuric acid, 100 to 5000 ppm of a surfactant, 50 to 3000 ppm of an oxidized metal ion or anion and 100 to 5000 ppm of nitric acid, said solution (A) containing 30 to 500 mass parts of sulfuric acid, 1 to 50 mass parts of a surfactant, 0.5

to 30 mass parts of an oxidized metal ion or anion and 30 to 500 parts of water, and said solution (B) containing 0.5 to 30 mass parts of nitric acid, 0.5 to 30 mass parts of an oxidizing agent and 10 to 300 mass parts of water.

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EUROPEAN SEARCH REPORT

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Place of search		Date of completion of the search	Examiner
THE HAGUE		12 March 2003	Torfs, F
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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