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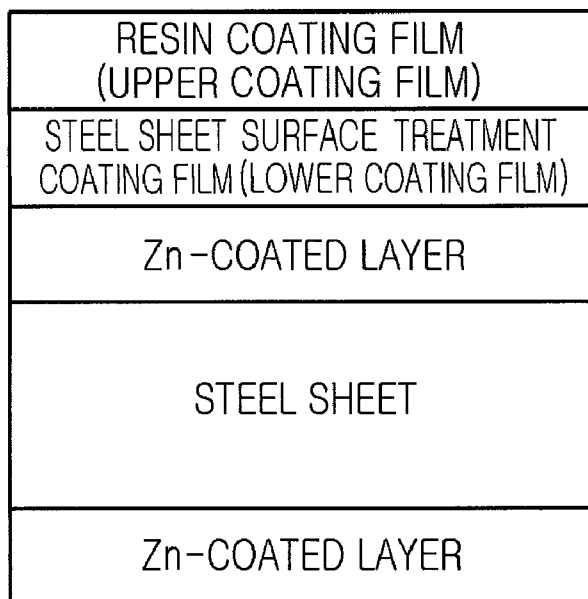
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(54) Title: RESIN COATED STEEL SHEET, RESIN COMPOSITION THEREFOR AND STEEL SHEET TREATMENT COMPOSITION

【Figure 1】



(57) Abstract: A resin-coated steel sheet having excellent properties such as electroconductivity, electrostatic earth property, fingerprint resistance, corrosion resistance, solvent resistance, workability, press formability, workability at multi-processed part, electromagnetic shielding property, adhesion, and heat release property, a resin composition and a surface treatment composition therefore are provided. The resin-coated steel sheet comprising a base steel sheet; and a resin-coating film formed of a resin composition on the surfaces of the base steel sheet, the resin composition comprising a main resin/a melamine-based curing agent composition, a pigment, a flattening agent and at least one of a fingerprint-resistant additive and an electroconductive additive is provided. The resin composition and the surface treatment composition comprising polyethylene acrylate resin and/or polyurethane resin, a melamine-based curing agent, a silane coupling agent, a metal silicate compound and a titanium compound are also provided.

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PCT/KR2008/007743**A. CLASSIFICATION OF SUBJECT MATTER***C23C 28/00(2006.01)i, C23C 22/00(2006.01)i, C09D 7/06(2006.01)i*

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC C23C, C09D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models since 1975
Japanese utility models and applications for utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal)
Keywords: resin, melamine, steel sheet, silan, silicate**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KR 10-0507579 B1 (POSCO CO., LTD. et al.) 10 August 2005	43-47
A	See abstract, and pages 3 and 4	1-42
A	US 2005/0032934 A1 (FOERG CHRISTIAN et al.) 10 February 2005 See abstract and claims	1-47
A	KR 10-0782719 B1 (POSCO CO., LTD.) 05 December 2007 See abstract and claims	1-47
A	KR 10-0685027 B1 (POSCO CO., LTD.) 20 February 2007 See abstract and claims	1-47

 Further documents are listed in the continuation of Box C. See patent family annex.

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