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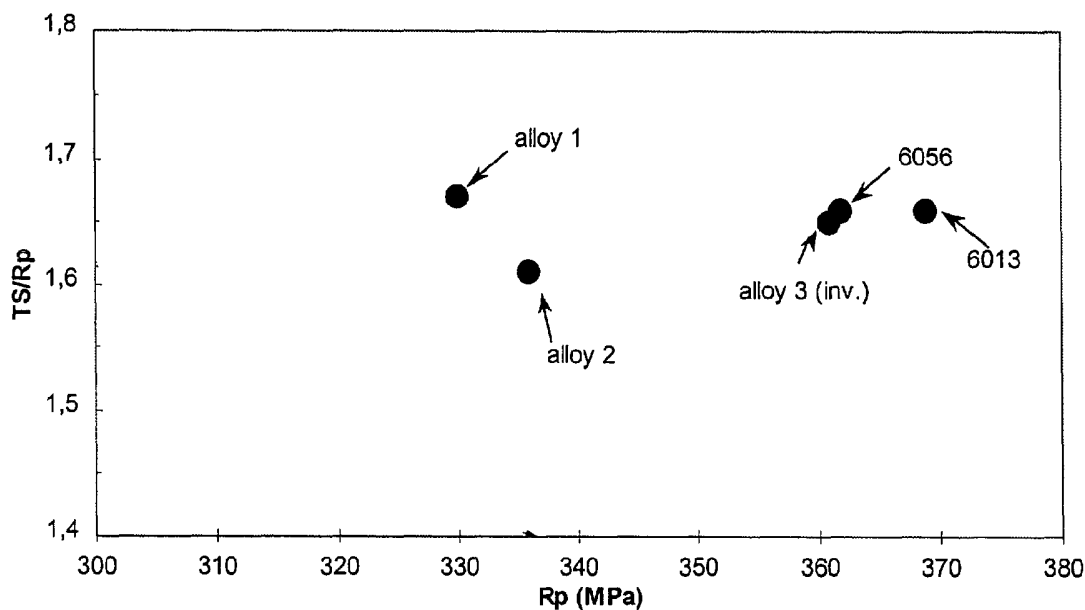
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(54) Title: WELDABLE HIGH STRENGTH AL-MG-SI ALLOY



(57) Abstract: This invention relates to a weldable, high-strength aluminium alloy wrought product, which may be in the form of a rolled, extruded or forged form, containing the elements, in weight percent, Si 0.8 to 1.3, Cu 0.2 to 1.0, Mn 0.5 to 1.1, Mg 0.45 to 1.0, Ce 0.01 to 0.25, and preferably added in the form of a Misch Metal, Fe 0.01 to 0.3, Zr<0.25, Cr<0.25, Zn<1.4, Ti<0.25, V<0.25, others each <0.05 and total<0.15, balance aluminium. The invention relates also to a method of manufacturing such an aluminium alloy product.



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B. FIELDS SEARCHED

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE WPI Section Ch, Week 199221 Derwent Publications Ltd., London, GB; Class M26, AN 1992-173483 XP002187573 - & SU 1 657 538 A (BAIKOV METAL INST), 23 June 1991 (1991-06-23) abstract ----	1-12, 15
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A	US 4 589 932 A (PARK BOM K) 20 May 1986 (1986-05-20) cited in the application -----	

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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