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(54) **Title:** SPECIALLY DESIGNED MAGNESIUM-ALUMINUM ALLOYS AND MEDICAL USES THEREOF IN A HEMO-DYNAMIC ENVIRONMENT

(57) **Abstract:** The present invention relates generally to specially designed magnesium-aluminum ("Mg-Al") alloys and medical uses thereof in a hemodynamic environment, and, more particularly to devices for sealing an opening formed through biological tissue (such as blood vessels) made from such specially designed magnesium-aluminum alloys.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER		
<i>A61F 2/06(2006.01)i, A61L 27/04(2006.01)1</i>		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) A61F 2/06; A61B 17/10; A61B 17/00; A61B 17/08; A61B 17/04		
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 Japanese utility models and applications for utility models		
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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.
Y	US 2009-0069844 A1 (STEPHEN M. GREEN et al.) 12 March 2009 See Abstract; paragraphs 0024, 0025, and 0088; claims 1-6.	1-19
Y	US 2006-0052825 A1 (MARK H. RANSICK et al.) 09 March 2006 See Abstract; paragraphs 0032 and 0039-0044; claims 1-8.	1-19
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A	US 05531759 A (KENNETH KENSEY et al.) 02 July 1996 See the whole document.	1-19
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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