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(54) **Title:** ELECTROPLATING BATH FOR ZINC-IRON ALLOYS, METHOD FOR DEPOSITING ZINC-IRON ALLOY ON A DEVICE AND SUCH A DEVICE

(57) **Abstract:** The present invention relates to an electroplating bath for zinc-iron alloys as an anti-corrosive layer and to a method for depositing zinc-iron alloy on a device. The invention also relates to a device which comprises an anti-corrosive layer of a zinc-iron alloy and the use of mentioned electroplating bath.

INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2014/056339

A. CLASSIFICATION OF SUBJECT MATTER
INV. C25D3/56 C25D5/12
ADD.

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

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

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 155 493 A (NIPPON SURFACE TREATMENT CHEM) 25 September 1985 (1985-09-25) examples 7-9; table 2 page 2, lines 1-5; claims 1,4 -----	1-10, 12-14
X	WO 2012/110304 A1 (ATOTECH DEUTSCHLAND GMBH [DE]; BEDRNIK LUKAS [CZ]; HAAS FRANTISEK [CZ]) 23 August 2012 (2012-08-23) cited in the application comparative examples 2 and 3; examples 1-3 claims 1,2,4-6 page 3, paragraph 1 page 8, last paragraph -----	1-14
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Further documents are listed in the continuation of Box C.

See patent family annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
6 November 2014	14/11/2014

Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Gault, Nathalie
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INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2014/056339

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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X	US 5 630 929 A (OSHIMA KATSUHIDE [JP] ET AL) 20 May 1997 (1997-05-20) column 3, lines 25-48; claim 1 examples 1-6; tables 1-6 -----	1-14
X	NARASIMHAMURTHY V ET AL: "Electrodeposition of Zinc-Iron from an Alkaline Sulfate Bath Containing Triethanolamine", METAL FINISHING, ELSEVIER, NEW YORK, NY, US, vol. 95, no. 9, 1 September 1997 (1997-09-01), pages 44-47, XP004092423, ISSN: 0026-0576, DOI: 10.1016/S0026-0576(97)85858-8 the whole document -----	8-14

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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