

Title (en)
STEEL SHEET COMPRISING A SACRIFICIAL CATHODIC PROTECTION COATING AND PROCESS FOR MANUFACTURING AN ARTICLE STARTING FROM SAID STEEL SHEET

Title (de)
STAHLBLECH MIT KATHODISCHEN SCHUTZ BESCHICHTUNG UND HERSTELLUNGSVERFAHREN EINES ARTIKELS DAVON

Title (fr)
TÔLE D'ACIER MUNIE D'UN REVÊTEMENT À PROTECTION CATHODIQUE SACRIFICIELLE, PROCÉDÉ DE FABRICATION D'UNE PIÈCE PAR MISE EN OEUVRE D'UNE TELLE TÔLE ET PIÈCE AINSI OBTENUE

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Application
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Abstract (en)
[origin: WO2013156688A1] The invention relates to a steel sheet provided with a coating offering sacrificial cathodic protection, comprising between 5 and 50 wt.-% zinc, between 0.1 and 15 wt.-% silicon, and optionally up to 10 wt.-% magnesium and up to 0.3 w.t.-%, in terms of cumulative content, of additional elements, as well as comprising a protective element selected from between 0.1 and 5 wt.-% tin, between 0.01 and 0.5 wt.-% indium and combinations of same, the remainder consisting of aluminium and residual elements or inevitable impurities. The invention also relates to a method for producing parts by means of hot or cold pressing and to the resulting parts.

IPC 8 full level
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RU2682508C1; US11162153B2; US11414737B2; WO2017017521A1; WO2017017485A1

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WO 2013156688 A1 20131024; AU 2012377741 A1 20141204; AU 2012377741 B2 20160317; BR 112014025697 B1 20201020; CA 2870532 A1 20131024; CA 2870532 C 20161213; CN 104302802 A 20150121; CN 104302802 B 20170412; DK 2839049 T3 20171120; EA 030016 B1 20180629; EA 201401136 A1 20150331; EP 2839049 A1 20150225; EP 2839049 B1 20171018; ES 2652028 T3 20180131; HR P20171855 T1 20180112; HU E037303 T2 20180828; JP 2015520797 A 20150723; JP 6348105 B2 20180627; KR 101667131 B1 20161017; KR 101886611 B1 20180809; KR 20150008114 A 20150121; KR 20160114735 A 20161005; KR 20180017229 A 20180220; MX 2014012626 A 20150511; MX 358552 B 20180823; NO 2839049 T3 20180317; PL 2839049 T3 20180330; PT 2839049 T 20180108; RS 56715 B1 20180330; SI 2839049 T1 20180228; UA 112688 C2 20161010; US 10253418 B2 20190409; US 2015284861 A1 20151008; ZA 201407327 B 20170830

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