

Title (en)

A METHOD OF FABRICATING STRUCTURES FROM ALUMINIUM SHEET AND STRUCTURES COMPRISING ALUMINIUM COMPONENTS

Publication

**EP 0181168 B1 19900321 (EN)**

Application

**EP 85307939 A 19851101**

Priority

GB 8427981 A 19841105

Abstract (en)

[origin: EP0181168A1] An anodising process in an acidic electrolyte preferably comprising phosphoric or sulphuric acid produces an anodic oxide layer on an aluminium sheet in a period of 2 minutes or less and, with appropriate conditions, in less than 15 seconds. The anodised sheet is formed into components which are secured together by adhesive and by localised mechanical fastening means such as spot-welds. The resultant structure may be of sufficient strength and durability to be used as the structural, load bearing parts of a motor vehicle body.

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IPC 8 full level

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CPC (source: EP KR)

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