

Title (en)

Method for assembling two metal banks

Title (de)

Verfahren zum Zusammensetzen von zwei Blechplättchen

Title (fr)

Procédé d'assemblage de deux flanes de tôle métallique

Publication

EP 0711614 B1 19980415 (FR)

Application

EP 95401925 A 19950822

Priority

FR 9413337 A 19941108

Abstract (en)

[origin: EP0711614A1] The procedure, esp. for joining two sheet components where at least one has a metal coating, consists of placing the two sheets together so that the coating is on the inside and forming at least one fastening point by a cold creep procedure. The next step is using a die (8) and a matrix (6) to form a cavity with an enlarged base, and passing an electric brazing current between the die and matrix when the die is at the end of its travel. The electric current is designed to produce a temperature between the two sheet components which lies between the fusion temperature of the metal coating less 20 per cent and the fusion temperature of the coating. The metal coating is based on one or more elements selected from zinc, aluminium, nickel and their alloys.

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CPC (source: EP)

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Cited by

JP5602960B1; EP2502683A1

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