

Title (en)

LASER BEAM SOLDERING OF ALUMINIUM ALLOYS

Title (de)

LASERSTRAHLLÖTEN VON ALUMINIUMLEGIERUNGEN

Title (fr)

BRASAGE PAR RAYON LASER D'ALLIAGES D'ALUMINIUM

Publication

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Application

**EP 01936305 A 20010502**

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Abstract (en)

[origin: WO0185378A1] The invention relates to a method for laser beam soldering aluminium alloys in which the joints are coated with a material that absorbs laser energy. Soldering fluxes that are suitable for soldering aluminium, especially fluxes, flux pastes or flux metal-powder mixtures containing potassium fluoroaluminate, are used as the laser energy-absorbing material.

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