

Title (en)

METHOD FOR ULTRASOUND WELDING AND CONSTRUCTION MODULE, PARTICULARLY DOOR MODULE OF A MOTOR VEHICLE

Title (de)

VERFAHREN ZUR ULTRASCHALL-VERSCHWEISSUNG UND BAUMODUL, INSBESONDERE KRAFTFAHRZEUG-TÜRMODUL

Title (fr)

PROCÉDÉ DE SOUDAGE PAR ULTRASONS ET MODULE, EN PARTICULIER MODULE DE PORTIÈRE DE VÉHICULE AUTOMOBILE

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Application

EP 07703980 A 20070118

Priority

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Abstract (en)

[origin: WO2007085560A2] The invention relates to a method for the ultrasound welding of a first (100) and a second component (108), the first component having a recess (102) for accommodating first (112) and second projections (114) of the second component, comprising the following steps: positioning the first and second components in such a way that the first and second projections project into the recess and touch a bottom (104, 104") of the recess, transmitting an ultrasound vibration for generating a relative movement between the first and second components, the bottom being pressed against the first and second projections so that the first projection (112) is deformed in a first direction while the second projection (114) is deformed into a second direction that is counter to the first direction, at least one first welding connection (130, 104) being formed between the first projection and the bottom and a second welding connection (132, 104) being formed between the second projection and the bottom.

IPC 8 full level

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Citation (search report)

See references of WO 2007085560A2

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