

Title (en)

THERMAL IMPULSE BONDING OF THERMALLY SENSITIVE LAMINATE BARRIER MATERIALS

Title (de)

WÄRMEIMPULSBONDEN VON WÄRMEEMPFINDLICHEN LAMINATSPERRMATERIALIEN

Title (fr)

SOUDURE PAR IMPULSIONS THERMIQUES DE MATERIAUX BARRIERES STRATIFIES THERMOSENSIBLES

Publication

EP 2053933 A1 20090506 (EN)

Application

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Priority

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- US 51245506 A 20060830

Abstract (en)

[origin: WO2008026090A1] Thermal impulse heat welding, or "bar sealing", is used to bond thermally sensitive laminate barrier materials such that they will pass AAMI level 4 testing (ASTM 1670 and 1671 -b). In bar sealing, overlapping layers of thermally sensitive laminate barrier materials are melted and fused together to create a substantially solid bond at and/or adjacent the surface. No substantially un-melted areas remain within the fused bond area on the surface.

IPC 8 full level

A41D 13/12 (2006.01); **A41D 27/24** (2006.01)

CPC (source: EP US)

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