

Title (en)

ELECTRON BEAM-BONDED MULTILAYER LAMINATED BODY AND PROCESS FOR ITS PRODUCTION

Title (de)

ELEKTONENSTRAHL-GEBUNDENER MEHRSCHICHT-VERBUNDKÖRPER UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)

CORPS STRATIFIE MULTICOUCHES SOUDEES PAR FAISCEAU ELECTRONIQUE ET SON PROCEDE D PRODUCTION

Publication

EP 1417092 A2 20040512 (EN)

Application

EP 02744579 A 20020624

Priority

- JP 2001245709 A 20010813
- US 0219950 W 20020624

Abstract (en)

[origin: WO03020501A2] To provide a process for imparting sufficient bonding between resin sheets of multilayer sheets, by a more simple process. SOLUTION MEANS A multilayer laminated body comprising three or more laminated layers of resin sheets made of at least two different materials, the multilayer laminated body being characterized by having chemical bonding formed between the three or more layers by electron beam radiation. The number of layers of the multilayer film may be a few hundred or more.

IPC 1-7

B32B 1/00

IPC 8 full level

B32B 27/08 (2006.01); **B29C 65/14** (2006.01); **B32B 27/16** (2006.01)

CPC (source: EP US)

B29C 65/1403 (2013.01 - EP); **B29C 65/1425** (2013.01 - EP); **B29C 66/1122** (2013.01 - EP); **B29C 66/45** (2013.01 - EP); **B32B 7/12** (2013.01 - US); **B32B 27/08** (2013.01 - US); **B32B 27/16** (2013.01 - EP US); **B32B 27/28** (2013.01 - US); **B32B 27/308** (2013.01 - US); **B32B 27/32** (2013.01 - US); **B32B 27/365** (2013.01 - US); **B32B 27/40** (2013.01 - US); **B32B 38/0008** (2013.01 - EP US); **B29C 65/1406** (2013.01 - EP); **B29C 66/71** (2013.01 - EP); **B29C 66/73775** (2013.01 - EP); **B29C 66/7392** (2013.01 - EP); **B29C 66/7394** (2013.01 - EP); **B29C 2035/0877** (2013.01 - EP); **B29K 2027/12** (2013.01 - EP); **B29K 2069/00** (2013.01 - EP); **B29L 2009/00** (2013.01 - EP); **B29L 2011/00** (2013.01 - EP); **B32B 2250/24** (2013.01 - US); **B32B 2307/40** (2013.01 - EP); **B32B 2307/416** (2013.01 - US); **B32B 2307/42** (2013.01 - US); **B32B 2310/0887** (2013.01 - EP US); **B32B 2323/00** (2013.01 - US); **B32B 2333/04** (2013.01 - US); **B32B 2367/00** (2013.01 - US); **B32B 2369/00** (2013.01 - US); **B32B 2375/00** (2013.01 - US)

Citation (search report)

See references of WO 03020501A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 03020501 A2 20030313; **WO 03020501 A3 20031127**; AU 2002345835 A1 20030318; EP 1417092 A2 20040512; JP 2003062946 A 20030305

DOCDB simple family (application)

US 0219950 W 20020624; AU 2002345835 A 20020624; EP 02744579 A 20020624; JP 2001245709 A 20010813