

Title (en)
FLUORINE-CONTAINING RELEASING SHEET AND PROCESS OF PRODUCTION OF SAME

Title (de)
FLUOR ENTHALTENDE TRENNFOLIEN UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)
FEUILLE DE DECOLLEMENT CONTENANT DU FLUOR ET SON PROCEDE DE PRODUCTION

Publication
EP 1165699 A1 20020102 (EN)

Application
EP 00910162 A 20000210

Priority
• JP 6189999 A 19990309
• US 0003625 W 20000210

Abstract (en)
[origin: WO0053682A1] Problem: to provide a releasing sheet coated with a cured material of a fluorine-containing monomer with an extremely low surface energy. Means for solution: a compound for increasing the surface tension is added to a fluorine-containing monomer having a surface tension of not more than 25 dyne/cm to be coated on the surface of a substrate such as a polyester film or a specific substrate is used to improve the wettability of the fluorine-containing monomer with the substrate and the surface of the substrate is irradiated by an electron beam and the electron beam is irradiated under predetermined conditions. The bonding force of the substrate and releasing layer is one where there is no transfer of a releasing agent to a pressure sensitive adhesive contacting the releasing agent in a cross cut tape test for 25 pieces cut at 2 mm pitch with a pressure-sensitive adhesive after being held at a temperature of 70 DEG C and a pressure of 20 g/CM2 for 24 hours.

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C09D 4/00; **C09J 7/02**; **B05D 3/06**; **C08J 7/18**

IPC 8 full level
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Citation (search report)
See references of WO 0053682A1

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