

Title (en)

PLASMA TREATMENT OF RELEASE LAYERS

Title (de)

PLASMABEHANDLUNG VON RELEASE-SCHICHTEN

Title (fr)

TRAITEMENT DE COUCHES ANTI-ADHÉRENTES PAR PLASMA

Publication

EP 3215582 A1 20170913 (DE)

Application

EP 15797026 A 20151102

Priority

- DE 102014222724 A 20141106
- EP 2015075400 W 20151102

Abstract (en)

[origin: WO2016071256A1] The invention relates to a method for plasma treating a release layer, comprising the following steps: (i) introducing a plasma gas into a discharge chamber; (ii) exciting the plasma gas to a plasma state by discharge; and (iii) exposing the release layer to the plasma gas in a plasma state, said exciting of the plasma gas in a plasma state taking place by means of a electric high voltage having a frequency of between 2000 - 100.000 Hz and the high voltage being pulsed at a switching frequency of between 30 - 5000 Hz. The invention also relates to release layers which can be obtained according to said method, and to release liners comprising a support and the release layer. The invention also relates to adhesive strips comprising the thus described release liner and to an adhesive mass.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2016071256A1

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