

Title (en)

APPARATUSES AND METHODS FOR ELECTROSTATICALLY PROCESSING POLYMER FORMULATIONS

Title (de)

VORRICHTUNGEN UND VERFAHREN ZUR ELEKTROSTATISCHEN VERARBEITUNG VON POLYMERZUSAMMENSETZUNGEN

Title (fr)

APPAREILS ET PROCEDES DESTINES AU TRAITEMENT ELECTROSTATIQUE DE FORMULATIONS POLYMERES

Publication

EP 1601512 A1 20051207 (EN)

Application

EP 04718491 A 20040308

Priority

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Abstract (en)

[origin: WO2004080681A1] Apparatuses and methods useful for continuously electrostatically processing polymer formulations are provided. The apparatuses include a feeding stage operable to continuously eject electrostatically processed material, and a collection stage at which the ejected material is collected. The apparatuses include a device for continuously removing the deposited electrostatically processed material from the collection stage. The apparatuses can optionally include a pick-up stage operable to wind the removed electrostatically processed material. A treatment stage can be provided to apply substances to the electrostatically processed material to change characteristics of the material, and/or to physically treat the material, such as by rolling or heating. The electrostatically processed materials can have micro-scale or nano-scale dimensions.

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B29B 13/08

IPC 8 full level

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Citation (search report)

See references of WO 2004080681A1

Cited by

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