

Title (en)

Process and apparatus for contacting a powder with a fibrous web.

Title (de)

Verfahren und Apparat, um ein Pulver und eine Faserbahn miteinander in Berührung zu bringen.

Title (fr)

Procédé et appareil pour mettre en contact une poudre et une nappe de fibres.

Publication

**EP 0025543 A1 19810325 (EN)**

Application

**EP 80105197 A 19800902**

Priority

US 7467779 A 19790912

Abstract (en)

A process for contacting a moving fibrous web with a powder. The process comprises the steps of: I. passing a mixture of powder and air through the moving fibrous web; II. reversing the direction of movement of the fibrous web; and then III. passing a mixture of powder and air through the moving fibrous web in a direction opposite to that of step I. An apparatus (12) comprising an air-tight enclosure (60); means (66) for maintaining subatmospheric pressure within the enclosure; means (70, 72, 73) for passing a fibrous web (31) through the enclosure; and means (114, 112, 86, 86 min ) within the enclosure for passing a mixture of powder and air through the moving fibrous web.

IPC 1-7

**D04H 1/60**

IPC 8 full level

**D04H 1/60** (2006.01)

CPC (source: EP)

**D04H 1/60** (2013.01)

Citation (search report)

- [A] US 4053674 A 19771011 - BUCK JR GEORGE SUMNER, et al
- [A] DE 2603884 A1 19770804 - THIES ALFRED JUN

Cited by

US4839199A; EP0084172A3; WO8700563A1; WO0190482A3

Designated contracting state (EPC)

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**EP 80105197 A 19800902**; AU 6206380 A 19800905; CA 358724 A 19800821