

Title (en)

METHOD AND APPARATUS FOR THE PNEUMATIC UNLOADING OF CENTRIFUGES

Publication

**EP 0142698 A3 19860326 (DE)**

Application

**EP 84112276 A 19841012**

Priority

DE 3340636 A 19831110

Abstract (en)

[origin: US4631048A] A method and an apparatus for pneumatically evacuating a vertical centrifuge (12), the drying gas moving as a secondary flow (54) being converted-prior to its combination with the mixture of product and gas conveyed through the discharge pipe-into a turbulent longitudinal flow essentially enclosing the discharge pipe as far as its downstream end, in order to prevent caking of the centrifuged material within the discharge pipe or in conveying lines (20) attached thereto and also to shorten the length of the drying pipe.

IPC 1-7

**B04B 11/08**; **B04B 11/00**; **B04B 15/00**; **B04B 5/10**

IPC 8 full level

**B04B 5/10** (2006.01); **B04B 11/00** (2006.01); **B04B 11/08** (2006.01); **B04B 15/00** (2006.01)

CPC (source: EP US)

**B04B 5/10** (2013.01 - EP US); **B04B 11/00** (2013.01 - EP US); **B04B 15/00** (2013.01 - EP US)

Citation (search report)

- DE 2056893 C3 19790426
- CH 421825 A 19660930 - TITUS HANS JOACHIM [DE]
- DE 1782367 B2 19730726

Designated contracting state (EPC)

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