

Title (en)  
METHOD AND APPARATUS FOR PUFFING HUMIDIFIED CUT TOBACCO

Publication  
**EP 0370489 B1 19930203 (DE)**

Application  
**EP 89121565 A 19891121**

Priority  
DE 3839529 A 19881123

Abstract (en)  
[origin: US5060670A] The present invention describes a method and an apparatus for blowing cut tobacco material, wherein a stream of a carrier gas and entrained tobacco ribs is surrounded in a flow channel section at least at one point by a hot gas stream separately introduced and accelerating the afore-mentioned mixed stream. The acceleration is preferably effected at several successive points. The cover stream is introduced through annular jets, the cross-section of the flow channel remaining constant along the entire extent of the flow channel section.

IPC 1-7  
**A24B 3/18**

IPC 8 full level  
**A24B 3/04** (2006.01); **A24B 1/02** (2006.01); **A24B 3/18** (2006.01)

CPC (source: EP KR US)  
**A24B 3/04** (2013.01 - KR); **A24B 3/182** (2013.01 - EP US)

Cited by  
DE102016107125A1; EP0528227A1; EP0484899A1; US5379780A

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)  
**US 5060670 A 19911029**; AR 244518 A1 19931130; AT E85187 T1 19930215; AU 4472889 A 19900531; AU 617896 B2 19911205; BR 8905916 A 19900619; CA 2003729 A1 19900523; CA 2003729 C 19950725; CN 1015293 B 19920115; CN 1043075 A 19900620; DE 3839529 C1 19900412; DE 58903453 D1 19930318; EP 0370489 A1 19900530; EP 0370489 B1 19930203; ES 2039061 T3 19930816; GR 3007365 T3 19930730; JP H02219564 A 19900903; JP H0659197 B2 19940810; KR 900007351 A 19900601; KR 950001182 B1 19950214; RU 1829917 C 19930723; ZA 898726 B 19900829

DOCDB simple family (application)  
**US 44103789 A 19891122**; AR 31552089 A 19891122; AT 89121565 T 19891121; AU 4472889 A 19891115; BR 8905916 A 19891123; CA 2003729 A 19891123; CN 89108765 A 19891122; DE 3839529 A 19881123; DE 58903453 T 19891121; EP 89121565 A 19891121; ES 89121565 T 19891121; GR 930400570 T 19930316; JP 30454189 A 19891122; KR 890017098 A 19891123; SU 4742556 A 19891122; ZA 898726 A 19891115