

Title (en)
Tobacco bale separation.

Title (de)
Lösen von Tabakballen.

Title (fr)
Séparation des balles de tabac.

Publication
EP 0244138 A1 19871104 (EN)

Application
EP 87303461 A 19870421

Priority
GB 8610283 A 19860426

Abstract (en)
For tobacco bale separation, a bale (10) is presented by a conveyor (18) at a separating location between spaced separating paddles. Each of the latter comprises a blade (26) mounting arcuate blade members (28) which are curved in a direction of rotation of the blade (26). The blade members (28) extend into the path of movement of the bale (10) in a direction substantially parallel to the layering so as to penetrate behind a layer (34). Continued movement of the bale (10) and rotation of the blades (26) causes further penetration of the blade members (28), the curvature being such that the outer ends of the blade members (28) accelerate in a direction endwise of the bale (10) to separate the layer (34) therefrom. The layer (34) continues to be accelerated away from the bale (10) into a conditioning unit.

IPC 1-7
A24B 3/06

IPC 8 full level
A24B 3/06 (2006.01)

CPC (source: EP)
A24B 3/06 (2013.01)

Citation (search report)
• [X] US 4532946 A 19850806 - KING JR FRANK C [US]
• [A] DE 1027577 B 19580403 - REEMTSMA H F & PH
• [A] DE 1139419 B 19621108 - REEMTSMA H F & PH
• [A] EP 0159836 A1 19851030 - DICKINSON ENG LTD W H [GB]

Cited by
EP1254606A1; EP1415552A1; CN112042988A; CN105668207A; WO02089614A1; US7810506B2; US7987855B2

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

DOCDB simple family (publication)
EP 0244138 A1 19871104; EP 0244138 B1 19910612; AT E64279 T1 19910615; DE 244138 T1 19900816; DE 3770689 D1 19910718; ES 2022345 B3 19911201; GB 8610283 D0 19860529

DOCDB simple family (application)
EP 87303461 A 19870421; AT 87303461 T 19870421; DE 3770689 T 19870421; DE 87303461 T 19870421; ES 87303461 T 19870421; GB 8610283 A 19860426