

Title (en)  
Transportation means for the tobacco industry

Title (de)  
Transportmittel für die tabakverarbeitende Industrie

Title (fr)  
Moyen de transport pour l'industrie du tabac

Publication  
**EP 1247464 A3 20040526 (DE)**

Application  
**EP 02006723 A 20020323**

Priority  
DE 10117176 A 20010406

Abstract (en)  
[origin: EP1247464A2] The conveyor (14) has a frictional conveying surface. It is coated to maintain the coefficient of friction over the long term.

IPC 1-7  
**A24C 5/47**; **A24C 5/32**

IPC 8 full level  
**A24C 5/08** (2006.01); **A24C 5/47** (2006.01)

CPC (source: EP US)  
**A24C 5/471** (2013.01 - EP US)

Citation (search report)

- [XA] US 3234040 A 19660208 - JAMES KIRWAN JOHN
- [X] DE 1911102 A1 19700917 - HAUNI WERKE KOERBER & CO KG
- [X] DE 557707 C 19340206 - MULLER J C & CO
- [Y] EP 1013183 A2 20000628 - HAUNI MASCHINENBAU AG [DE]
- [Y] US 3420243 A 19690107 - MCARTHUR COLIN SHAW
- [Y] US 3933159 A 19760120 - MOLINS DESMOND WALTER
- [Y] GB 2077572 A 19811223 - MOLINS LTD
- [Y] US 4036114 A 19770719 - LUKE JOHN ANTHONY
- [A] DE 2902913 A1 19800731 - BAT CIGARETTENFAB GMBH
- [A] WO 9606897 A2 19960307 - HENKEL KGAA [DE], et al
- [A] US 4588632 A 19860513 - GISBOURNE BRYAN J [GB], et al
- [A] DE 4126117 A1 19921015 - LOHMANN GMBH & CO KG [DE]
- [A] US 3527234 A 19700908 - HINZMANN ALFRED
- [A] DE 19934763 A1 20010125 - HERBERTS GMBH & CO KG [DE]

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1247464 A2 20021009**; **EP 1247464 A3 20040526**; CN 1380018 A 20021120; DE 10117176 A1 20021010; JP 2002315560 A 20021029; PL 353150 A1 20021007; US 2002144698 A1 20021010

DOCDB simple family (application)  
**EP 02006723 A 20020323**; CN 02105472 A 20020405; DE 10117176 A 20010406; JP 2002102842 A 20020404; PL 35315002 A 20020403; US 11497702 A 20020404