

Title (en)
Device for transferring rod-like articles

Title (de)
Vorrichtung zur Übergabe stabförmiger Artikel

Title (fr)
Dispositif de transfert d'articles en forme de tige

Publication
EP 1639907 B1 20081008 (DE)

Application
EP 05090268 A 20050922

Priority
DE 102004047266 A 20040924

Abstract (en)
[origin: EP1639907A1] The filter feeding machine (10) may be used e.g. in the manufacture of cigarettes. There is a feeding system (11) with a number of pickup elements (12) performing an orbiting motion. Each pickup element has a format holder (14). A rotating shaft (13) has cranked portions (13.1,13.2) with links (19) to a driven disk (16). A motor (24) with a belt drive (25) is used.

IPC 8 full level
A24C 5/32 (2006.01); **A24D 3/02** (2006.01)

CPC (source: EP US)
A24C 5/326 (2013.01 - EP US); **A24D 3/0287** (2013.01 - EP US)

Citation (examination)
US 5188212 A 19930223 - MUNSCH KLAUS [DE]

Cited by
DE102016111818B4; EP2364603A3; EP2570039A3; IT202000013483A1; DE102013220757B3; EP2505086A1; ITBO20110158A1; ITBO20120664A1; EP2742811A1; EP3262959A1; DE102016111818A1; CN108244701A; US9089164B2; WO2021250496A1; EP1827143B1; EP2294934A2; DE102009041318A1; EP2628399A1; EP1827143A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1639907 A1 20060329; EP 1639907 B1 20081008; EP 1639907 B8 20090107; AT E410083 T1 20081015; CN 100409776 C 20080813; CN 1751609 A 20060329; DE 102004047266 A1 20060406; DE 502005005596 D1 20081120; JP 2006087433 A 20060406; JP 4308807 B2 20090805; PL 1639907 T3 20090430; US 2006076215 A1 20060413; US 7281621 B2 20071016

DOCDB simple family (application)
EP 05090268 A 20050922; AT 05090268 T 20050922; CN 200510108935 A 20050923; DE 102004047266 A 20040924; DE 502005005596 T 20050922; JP 2005274841 A 20050922; PL 05090268 T 20050922; US 22507105 A 20050914