

Title (en)

Transmission system and method for operating a strand machine for the tobacco industry

Title (de)

Getriebesystem und Verfahren zum Betreiben einer Strangmaschine der Tabak verarbeitenden Industrie

Title (fr)

Système de boîte de vitesse et procédé de fonctionnement d'une machine de fabrication de tiges de l'industrie de traitement du tabac

Publication

EP 2092839 A3 20110928 (DE)

Application

EP 09001124 A 20090128

Priority

DE 102008007111 A 20080131

Abstract (en)

[origin: EP2092839A2] The system (1) has a main shaft (17) for operating components such as gear wheels, gear belts, auxiliary shafts (18), blade holder (20), piston rod drive, tape reel, longitudinal rods and idler gear (24) of a strand machine. The components are provided as two groups of components. A transmission ratio between the shaft and one group is changed for changing format of an item i.e. cigarette, cut into sections on a strand produced by the strand machine. A transmission (26) e.g. 2-gear transmission, is provided between the main shaft and the group. An independent claim is also included for a method for operating a strand machine for the tobacco processing industry.

IPC 8 full level

A24C 5/14 (2006.01); **A24C 5/28** (2006.01); **F16H 3/36** (2006.01); **F16H 9/04** (2006.01)

CPC (source: EP)

A24C 5/14 (2013.01); **A24C 5/28** (2013.01)

Citation (search report)

- [A] GB 1319052 A 19730531 - MOLINS MACHINE CO LTD
- [A] DE 102004047265 A1 20060406 - HAUNI MASCHINENBAU AG [DE]
- [A] DE 3329973 A1 19840308 - HAUNI WERKE KOERBER & CO KG [DE]
- [A] CH 306039 A 19550331 - MOLINS MACHINE CO LTD [GB]
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Cited by

CN103315389A; CN106821738A; EP2622972A1; CN103222680A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2092839 A2 20090826; EP 2092839 A3 20110928; DE 102008007111 A1 20090924; DE 102008007111 B4 20120719

DOCDB simple family (application)

EP 09001124 A 20090128; DE 102008007111 A 20080131