

Title (en)
TRANSFER UNIT

Title (de)
ÜBERGABEEINHEIT

Title (fr)
UNITÉ DE TRANSFERT

Publication
EP 3909438 A1 20211117 (EN)

Application
EP 21171137 A 20210429

Priority
IT 202000010621 A 20200512

Abstract (en)
A transfer unit for transferring rod-shaped semi-products for a processing machine of the tobacco industry which comprises a conveyor assembly (2), a releasing assembly (3) and resetting device (4). The conveyor assembly (2) comprises one or more conveyor drums (5), each of which has a plurality of seats (5a) configured to receive and convey a succession of semi-products, at least some of the seats (5a) are associated with respective stop surfaces (6) which define an axial abutment for positioning a respective semi-product in the seat (6). The releasing assembly (3) is configured to transfer the semi-products from the conveyor assembly (2) to a forming beam (T) and is configurable to transfer semi-products of different formats as a function of a format changeover in the processing machine (100). The resetting device (4) defines the stop surfaces (6) and acts in conjunction with at least one conveyor drum (5) to vary their axial position along the axis of rotation (X) of that conveyor drum (5), as a function of a format changeover in the processing machine (100).

IPC 8 full level
A24C 5/32 (2006.01)

CPC (source: EP)
A24C 5/326 (2013.01); **A24C 5/327** (2013.01)

Citation (search report)
• [I] DE 102013210634 A1 20141211 - HAUNI MASCHINENBAU AG [DE]
• [A] EP 3536172 A2 20190911 - HAUNI MASCHINENBAU GMBH [DE]
• [A] EP 2294934 A2 20110316 - HAUNI MASCHINENBAU AG [DE]
• [A] WO 03024256 A2 20030327 - HAUNI MASCHINENBAU AG [DE], et al
• [A] DE 102011006025 B3 20120719 - HAUNI MASCHINENBAU AG [DE]

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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