

Title (en)

SHEET TRANSPORT APPARATUS FOR AN INKJET SHEET PRINTER

Title (de)

BLATTFÖRDERVORRICHTUNG FÜR EINEN TINTENSTRAHL-BOGENDRUCKER

Title (fr)

APPAREIL DE TRANSPORT DE FEUILLES POUR UNE IMPRIMANTE DE FEUILLES À JET D'ENCRE

Publication

EP 3636568 A1 20200415 (EN)

Application

EP 18199356 A 20181009

Priority

EP 18199356 A 20181009

Abstract (en)

The present invention provides a low costs sheet transport apparatus comprising an endless air permeable belt (101). An endless protrusion (102) is secured onto the belt and extending a predetermined height out of the surface of the belt. A plurality of rollers (110-113) comprising a driving roller (110) driveable by means of an actuator (122) and at least one support roller (111-113) positioned with respect to the driving roller to tension the belt over the plurality of rollers, such that a rotation of the driving roller moves the belt in a transport direction (D) is provided. At least one of the plurality of rollers comprises an endless recess (115) dimensioned to receive the protrusion, such that the protrusion is substantially prevented from transferring driving forces in the transport direction from the plurality of rollers to the belt. The protrusion is suspended within the recess such that it is prevented from transferring forces in the transport direction to belt.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- EP 3028969 A1 20160608 - OCE TECH BV [NL]
- EP 3023373 A1 20160525 - OCE TECH BV [NL]

Citation (search report)

- [IY] EP 1180729 A1 20020220 - RICOH KK [JP]
- [Y] EP 3196036 A1 20170726 - OCE HOLDING BV [NL]
- [Y] JP S428266 Y1 19670427
- [A] WO 2017109670 A1 20170629 - M T C - MACCH TRASFORMAZIONE CARTA SRL [IT]

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

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DOCDB simple family (publication)

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