

Title (en)
BEND-SHAPED CONVEYOR DEVICE

Title (de)
BOGENFÖRMIGER FÖRDERER

Title (fr)
DISPOSITIF DE TRANSPORT DE FORME COURBE

Publication
EP 1007450 A1 20000614 (EN)

Application
EP 98914148 A 19980417

Priority
• NL 9800215 W 19980417
• NL 1005829 A 19970417

Abstract (en)
[origin: WO9846504A1] The invention relates a bend-shaped conveyor device (1) comprising: a drive roller (3); a reversing roller (4); an endless cloth (2) with is tensioned round the drive roller (3) and the reversing roller (4); and a drive (5) for the drive roller (3). The invention has for its object to provide a device of the type stated at the outset which has on its drive end a substantially straight progression, so that it is suitable for inclusion in a production line without the use of a transfer plate or the like being required. For this purpose the bend-shaped conveyor device according to the invention has the feature that the drive roller (3) has a substantially cylindrical form and comprises two or more cylindrical roller segments (7) which are arranged substantially co-axially on a drive shaft, wherein at least one of the roller segments (7a) is fixedly connected to the drive shaft (10) and the other roller segments (7) are arranged for rotation round the drive shaft (10). The invention also relates to a drive roller (3) and a cylindrical roller segment such as described as part of the bend-shaped conveyor device according to the invention.

IPC 1-7
B65G 15/02

IPC 8 full level
B65G 15/02 (2006.01)

CPC (source: EP)
B65G 15/02 (2013.01); **B65G 2201/04** (2013.01)

Citation (search report)
See references of WO 9846504A1

Designated contracting state (EPC)
BE DE FR GB NL

DOCDB simple family (publication)
WO 9846504 A1 19981022; EP 1007450 A1 20000614; NL 1005829 C2 19981020

DOCDB simple family (application)
NL 9800215 W 19980417; EP 98914148 A 19980417; NL 1005829 A 19970417