

Title (en)

A process and machine for continuous formation of conveyor screws for archimedes-type screws

Title (de)

Ein Verfahren und eine Vorrichtung zur kontinuierlichen Herstellung von Förderschnecken für Archimedesförderschnecken

Title (fr)

Un procédé et un dispositif pour former en continu des transporteurs à vis pour les transporteurs du type archimèdes

Publication

EP 1043088 B1 20021204 (EN)

Application

EP 00830086 A 20000208

Priority

IT MO990065 A 19990406

Abstract (en)

[origin: EP1043088A1] In the process and machine of the invention, a band (2) is fed continuously between a pair of rollers (3a, 3b) which turn the band (2) into a spiral (4), into a central space of which a succession of support shafts (A, B) is advanced in order that the spiral forming is achieved about the continuously advancing support shafts. A welder (8) fixes the spiral (4) to each support shaft, and a cutting device (9) cuts the spiral into lengths, each of which lengths of spiral is fixed to a single shaft. Variably-stepped spirals can also be produced using the invention, with very good precision and relatively simply. <IMAGE>

IPC 1-7

B21D 11/06

IPC 8 full level

B21C 37/26 (2006.01)

CPC (source: EP)

B21C 37/26 (2013.01)

Cited by

CN103071699A; CN102059462A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1043088 A1 20001011; **EP 1043088 B1 20021204**; AT E228900 T1 20021215; DE 60000888 D1 20030116; DE 60000888 T2 20030911; IT 1310206 B1 20020211; IT MO990065 A0 19990406; IT MO990065 A1 20001006

DOCDB simple family (application)

EP 00830086 A 20000208; AT 00830086 T 20000208; DE 60000888 T 20000208; IT MO990065 A 19990406