

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 A1 20001011 (EN)**

Application

**EP 00830086 A 20000208**

Priority

IT MO990065 A 19990406

Abstract (en)

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)

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Citation (search report)

- [Y] FR 814323 A 19370621
- [Y] FR 2146134 A1 19730302 - LEBLOND LEON [FR]

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