

Title (en)

Method and workpiece for making a sealing band for a slotted rodless cylinder

Title (de)

Verfahren und Werkstück zur Herstellung eines Dichtungsbandes für einen geschlitzten, stangenlosen Zylinder

Title (fr)

Procédé et pièce de travail pour la fabrication d'une bande d'étanchéité pour un cylindre fendu et sans tige

Publication

EP 0945628 A2 19990929 (EN)

Application

EP 99850034 A 19990311

Priority

SE 9801075 A 19980327

Abstract (en)

A method for making elongated, flexible sealing bands for inner sealing of axial slots in rodless cylinders, wherein the band includes a main portion (2,12), and extending therefrom, two sealing lips (3,13) for sealing co-operation with the cylinder in areas on each side of the slot, wherein a band workpiece (1,11) is produced from a synthetic material and fed through a cutting station, wherein the sealing lips are cut (B-B, C-C) from elements (3,8,13,14) protruding from the main portion (2). The invention is distinguished by a band workpiece (1) being produced which besides the main portion and the protruding elements includes an integral strip portion (4,14) along the longitudinal extension of the band workpiece, and that, in a cutting operation (A-A), the strip portion is longitudinally cut away from the main portion after having been used for guiding and/or feeding the band at least while cutting the sealing lips (3,13). The invention also concerns a band workpiece. <IMAGE>

IPC 1-7

F15B 15/08

IPC 8 full level

B29D 99/00 (2010.01); **F15B 15/08** (2006.01); **F16J 15/10** (2006.01)

CPC (source: EP)

F15B 15/082 (2013.01)

Cited by

DE19945067A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0945628 A2 19990929; **EP 0945628 A3 20010627**; **EP 0945628 B1 20030611**; DE 69908687 D1 20030717; DE 69908687 T2 20040429; JP H11344118 A 19991214; SE 511691 C2 19991108; SE 9801075 D0 19980327; SE 9801075 L 19990928

DOCDB simple family (application)

EP 99850034 A 19990311; DE 69908687 T 19990311; JP 8530399 A 19990329; SE 9801075 A 19980327