

Title (en)
CHAIN CODE POSITION DETECTOR

Title (de)
KETTENKODE-POSITIONSDETEKTOR

Title (fr)
DETECTEUR DE POSITION DE CODE A ENCHAINEMENT

Publication
EP 1192412 A4 20030514 (EN)

Application
EP 00942804 A 20000614

Priority
• US 0016370 W 20000614
• US 13944799 P 19990616

Abstract (en)
[origin: WO0077472A1] A position detector for sensing the position of a movable member which moves along an axis relative to a stationary member (11). A nonrepeating N bit chain code embodied in a scale on the movable member runs along the axis (13). A detector (14) fixed to the stationary member (11) is positioned to sense a portion of the chain code. The detector has K elements ($K > N$) generating a plurality of signals. A controller (10) determines the position of the movable member relative to the stationary member as a function of the signals.

IPC 1-7
G01B 11/00; **G01B 11/04**

IPC 8 full level
F15B 15/28 (2006.01); **G01D 5/249** (2006.01); **G01D 5/347** (2006.01); **H03M 1/28** (2006.01)

CPC (source: EP)
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Citation (search report)
• [XY] US 5576535 A 19961119 - OOSTERWIJK ALEXANDER [NL], et al
• [Y] US 5754568 A 19980519 - BRAASCH JAN [DE]
• [Y] EP 0747316 A2 19961211 - KIDDE IND INC [US]
• [A] EP 0384955 A2 19900905 - SYMBOL TECHNOLOGIES INC [US]
• See references of WO 0077472A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 0077472 A1 20001221; AU 5737600 A 20010102; EP 1192412 A1 20020403; EP 1192412 A4 20030514

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