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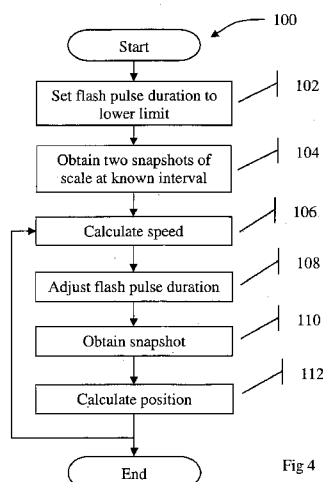


Fig 4

(57) Abstract: A position encoder apparatus, comprising: a scale comprising a series of position features; and a readhead configured to read the series of position features via a snapshot capture process. The snapshot capture process is adaptable so as to compensate for the relative speed between the scale and readhead.

INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
INV. G01D5/347
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
G01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2007/030731 A2 (NR LAB LLC [US]; ROMANOV NIKOLAI L [US]; KOSSAKOVSKI DMITRI A [US]) 15 March 2007 (2007-03-15) paragraph [0025]	1-18
X	EP 1 995 567 A1 (LEICA GEOSYSTEMS AG [CH]) 26 November 2008 (2008-11-26) figures claims	1
X	US 6 483 104 B1 (BENZ JURGEN [DE] ET AL) 19 November 2002 (2002-11-19) claims figures	1
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☒ See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/084223 A1 (RENISHAW PLC [GB]; GORDON-INGRAM IAIN ROBERT [GB]) 24 October 2002 (2002-10-24) cited in the application the whole document -----	1-18

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
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