



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
18.05.2011 Bulletin 2011/20

(51) Int Cl.:
E01B 35/00 (2006.01) E01B 35/02 (2006.01)

(43) Date of publication A2:
19.08.2009 Bulletin 2009/34

(21) Application number: **09460002.0**

(22) Date of filing: **14.01.2009**

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR
Designated Extension States:
AL BA RS

(72) Inventors:
• **Anigacz, Wojciech**
45-267 Opole (PL)
• **Okos, Daniel**
45-217 Opole (PL)

(30) Priority: **14.02.2008 PL 38445808**

(74) Representative: **Surmiak, Wiesława Halina et al**
Ul. Stanisława Mikołajczyka 5
45-271 Opole (PL)

(71) Applicant: **Politechnika Opolska**
45-271 Opole (PL)

(54) **Device for indirect indication of rail axis**

(57) A device for indirect indication of rail axis is provided with a shearing clamp (2), the clamp having rotating rolls (5) at the end of its arms, wherein at the end of each

arm (2) of the shearing clamp a roll deflection limiter (3) is located, e.i. a cuboid with an opening, while the rolls (5) are located on self-aligning axles.

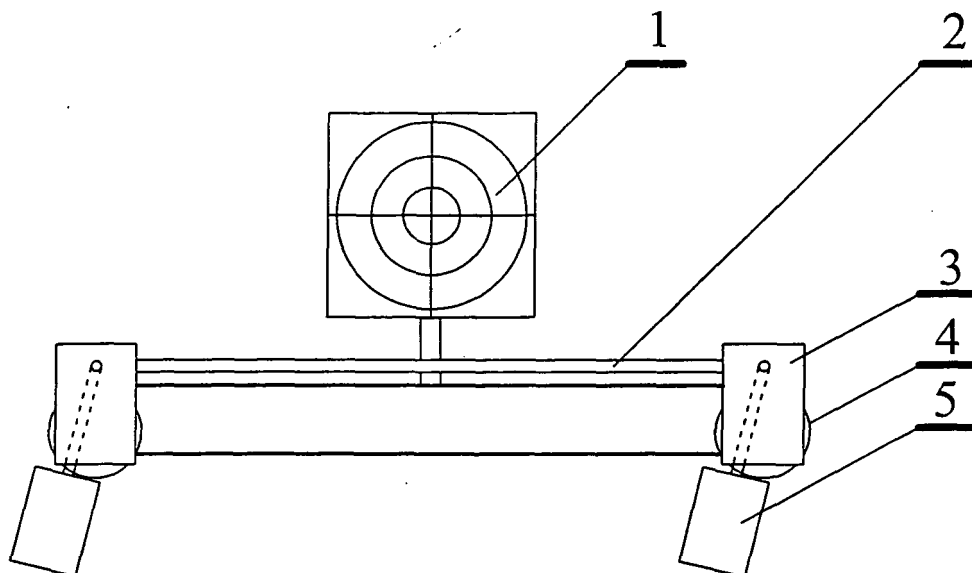


Fig. 1



EUROPEAN SEARCH REPORT

Application Number
EP 09 46 0002

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	EP 0 383 749 A2 (VOEST ALPINE ZELTWEG [AT]) 22 August 1990 (1990-08-22) * abstract; figure 2 * -----	1	INV. E01B35/00 E01B35/02
A	WO 96/31655 A1 (GREENWOOD ENGINEERING APS [DK]; GROENSKOV LEIF [DK]) 10 October 1996 (1996-10-10) * figures 1-6 * -----	1	
A	DE 23 01 786 A1 (SIMMERING GRAZ PAUKER AG) 30 August 1973 (1973-08-30) * claim 1; figures 1,2,3,4 * -----	1	
			TECHNICAL FIELDS SEARCHED (IPC)
			E01B B61K
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 11 April 2011	Examiner Fernandez, Eva
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

 1
EPO FORM 1503 (03.02 (P04C01))

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 09 46 0002

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

11-04-2011

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0383749 A2	22-08-1990	AT 84091 T	15-01-1993
		BG 51164 A3	15-02-1993
		CA 2010016 A1	15-08-1990
		CS 9000625 A2	16-07-1991
		DD 296890 A5	19-12-1991
		DE 59000668 D1	11-02-1993
		HU 56621 A2	30-09-1991
		JP 2289701 A	29-11-1990
		NO 900712 A	16-08-1990
		RO 108811 B1	31-08-1994
		US 5053701 A	01-10-1991
WO 9631655 A1	10-10-1996	AT 207162 T	15-11-2001
		AU 694347 B2	16-07-1998
		AU 5332296 A	23-10-1996
		DE 69616041 D1	22-11-2001
		DE 69616041 T2	11-07-2002
		DK 0819196 T3	21-01-2002
		EP 0819196 A2	21-01-1998
		ES 2165979 T3	01-04-2002
		JP 3850875 B2	29-11-2006
		JP 11503520 T	26-03-1999
		JP 3851342 B2	29-11-2006
		JP 2006162630 A	22-06-2006
		US 6119353 A	19-09-2000
DE 2301786 A1	30-08-1973	AT 311405 B	12-11-1973