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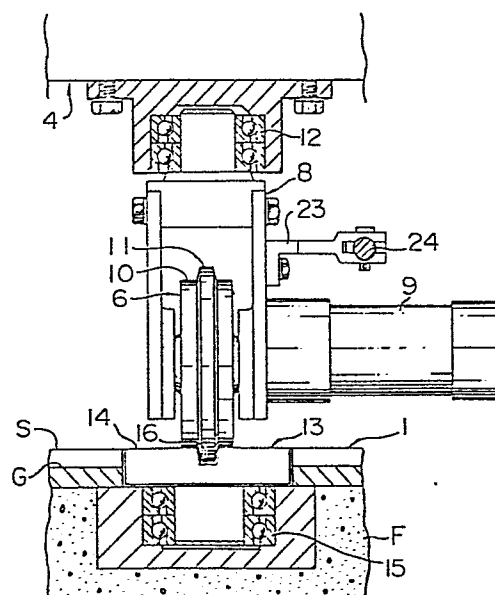
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54 **Apparatus for switching over running directions of running member.**

57 An apparatus for switching over running directions of a running member (4, 5) comprising a plurality of pair of rails (1, 2, 3, 36, 37) each having a running surface (S) and a groove (G) formed in the running surface, the running surfaces intersecting with each other in the same plane, a plurality of running wheels (6, 7) each of which is rotatably mounted on the running member, the running wheel having a tread surface (10) which comes into contact with the running surface of the rail and a flange (11) provided on the tread surface for engaging with the groove of the rail, turntables (13) each provided for the associated running wheel on an intersection of the rails, the turntable including a rotary disc (14, 44), a top surface of which is disposed within the same plane and is provided with a plurality of diametrical grooves (16, 17, 38 to 43) circumferentially and equiangularly spaced from each other, and wheel turning mechanism (18, 27) provided on the running member for turning all of the running wheels about the respective rotary axes with the flanges of the running wheels being engaged with the radial grooves of the turntables.

FIG. 1





EP 85 11 5533

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
Y	EP-A-0 001 638 (HUNDHAUSEN) * Page 1, lines 1-4; page 2, lines 25-33; page 3, lines 1-16; claims 1-4; figures 3,4; page 4, lines 1-33; page 5, lines 1-19; figures 1,2 *	1	E 01 B 7/18
A	---	2,7,8	
Y	US-A-3 845 718 (ROGERS) * Column 1, lines 16-32,59-61; figure 1; column 2, lines 33-56; column 3, lines 18-49; figure 2 *	1	
A	---	3-6,9,10	
A	GB-A-1 272 263 (FOUNDRY MANAGEMENT AND DESIGN) * Page 1, lines 74-94; page 2, lines 1-11,51-103; page 3, lines 21-29,43-97; figures 1-3,10-17 *	1,7,8	TECHNICAL FIELDS SEARCHED (Int. Cl. 4) E 01 B B 61 B
A	DE-C- 334 289 (NEUHAUSER) * Page 1, lines 1-14,54-70; page 2, lines 1-42,94-109; figures 1-10 *	1,3	
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 13-10-1986	Examiner RUYMBEKE L.G.M.
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>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</p> <p>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 &amp; : member of the same patent family, corresponding document</p>			