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㉒ Applicant: MITSUBISHI DENKI KABUSHIKI KAISHA
2-2-3, Marunouchi
Chiyoda-ku Tokyo(JP)

㉓ Inventor: Sasaki, Koutarou Mitsubishi Denki K. K.
Computerseisakusho No. 325, Kamimachiya
Kamakura-shi Kanagawa-ken(JP)

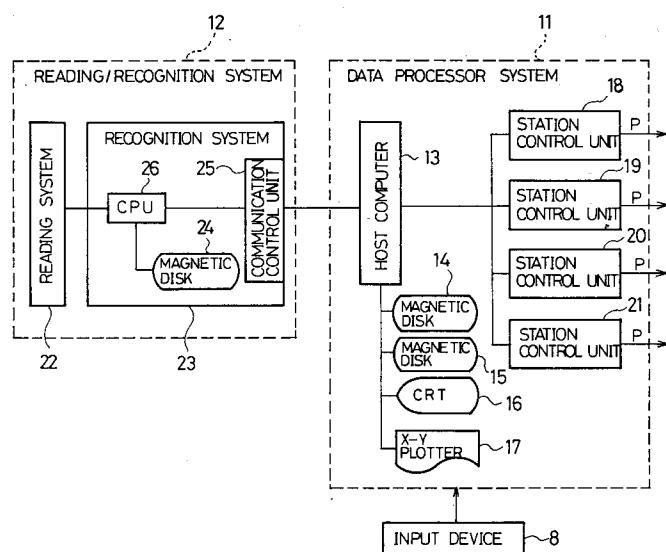
㉔ Representative: Goddar, Heinz J., Dr. et al
FORRESTER & BOEHMERT
Franz-Joseph-Strasse 38
W-8000 München 40(DE)

㉕ Train diagram production system.

㉖ A basic diagram including a drawing concerning train service is patterned by a reading unit to obtain a drawing having a fixed form, the patterned image is photoelectrically converted to produce image data, a recognition unit recognizes individual train diagram

data, i.e., the train No., kind of train, arrival and departure times at each station and arrival/de parture lines at each station from the image pattern, and a data processor memorizes individual train diagram data and edits these data to a desired form.

FIG. 1





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EUROPEAN SEARCH REPORT

Application Number

EP 89 10 9404

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)
P, A	PATENT ABSTRACTS OF JAPAN vol. 13, no. 43 (P-821) 31 January 1989 (MITSUBISHI ELECTRIC CORP) 5 October 1988 & JP-A-63 239 565 * abstract * ---	1	B61L25/08 B61L27/00
A	PATENT ABSTRACTS OF JAPAN vol. 3, no. 105 (M-71) 5 September 1979 (HITACHI SEISHAKUSHO K.K.) 21 June 1979 & JP-A-5 477 904 * abstract * ---	1,2	
A	PATENT ABSTRACTS OF JAPAN vol. 2, no. 54 (M-78)(581) 19 April 1978 (HITACHI SEISHAKUSHO K.K.) 7 February 1978 & JP-A-5 313 705 * abstract * ---	1-3	
A	PATENT ABSTRACTS OF JAPAN vol. 1, no. 58 (E-77)(51) 6 June 1977 (DAIDO SHINGO K.K.) 8 January 1977 & JP-A-522 216 * abstract * ---	1,2	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A	EP-A-0 193 207 (HITACHI) * page 2, column 1, line 1 - page 2, column 2, line 28 * -----	1-3	B61L
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	20 DECEMBER 1991	REEKMANS M.V.	
CATEGORY OF CITED DOCUMENTS		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	
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