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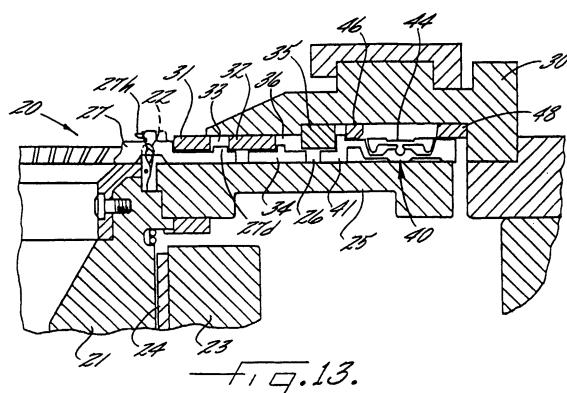
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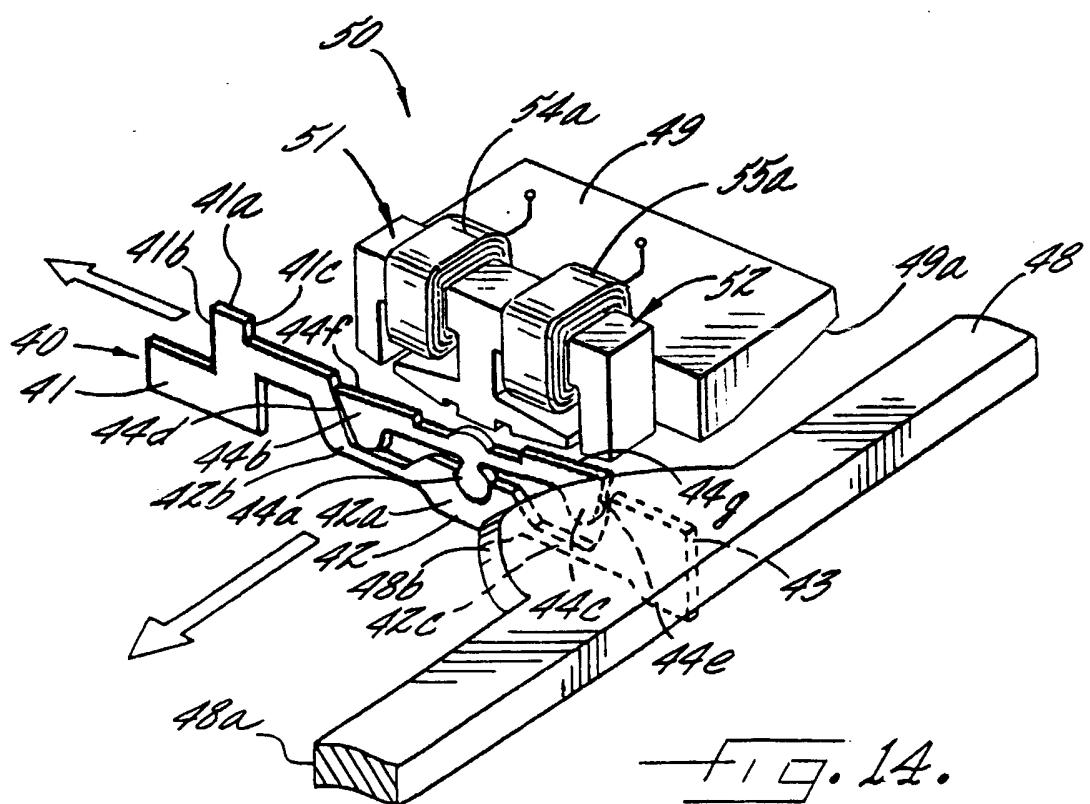
(54) Jacquard pattern control mechanism for a circular knitting machine

(57) A jacquard pattern control mechanism for a circular knitting machine (20) comprises a plurality of rocker bar supporting members (40) slidable in the grooves (26) along which knitting elements (27) move. Elongate rocker bars (44) are pivotally mounted on the rocker bar supporting members for movement about medial pivots, the opposite end portions (44b,44c) of the rocker bars being selectively movable between operative and inoperative positions and having magnetically attractive sections (44f,44g) thereon. Magnet attracting devices (50) are operatively associated with the opposite end portions of the elongate rocker bars for selectively attracting the magnetically attractive sections at opposite ends of the rocker bars to pivot the rocker bars and selectively move the opposite end portions thereof to the

operative and inoperative positions. The magnetic attracting devices each comprises a permanent magnet and a pair of electromagnets (51,52) disposed on opposite sides of the permanent magnet and connected in series, the permanent magnet having an extension extending outwardly towards the rocker bars (44) and having a pair of wing portions extending outwardly from the center portion of the extension, generally parallel to the rocker bar supporting members (40) and having outer sections disposed in attractive relation to the magnetically attractive sections (44f,44g) at opposite ends of the rocker bars. The wing portions of the permanent magnet cooperate with the core parts of the electromagnets (51,52) in providing stronger magnetic fields for attraction of the magnetically attractive sections of the rocker bars.



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EUROPEAN SEARCH REPORT

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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
Place of search		Date of completion of the search	Examiner
THE HAGUE		25 August 1999	Van Gelder, P
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			

ANNEX TO THE EUROPEAN SEARCH REPORT
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