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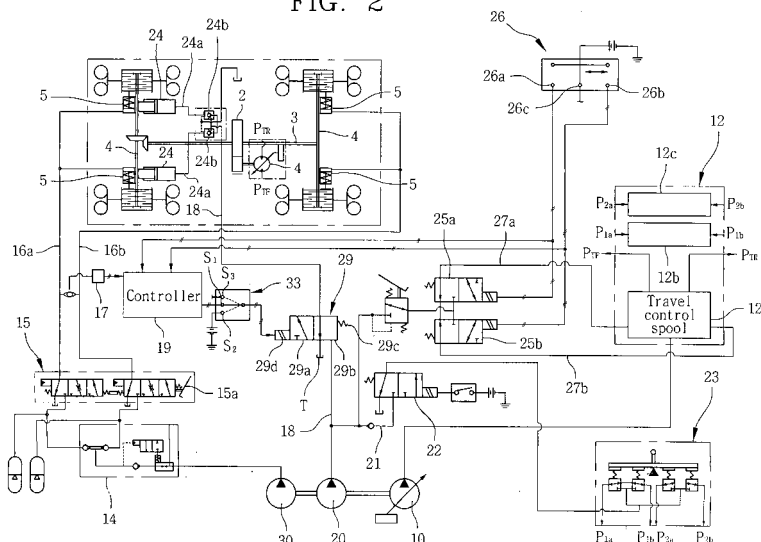
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(54) **Ram cylinder control system for wheel type excavator**

(57) A ram cylinder control system for a wheel type hydraulic comprises a pilot hydraulic pump 20, pilot-opened check valves 24b for normally prohibiting discharge of working fluid from the ram cylinders 24 to lock the ram cylinders 24, a ram cylinder control valve 29 adapted to shift from a home position to an operating position 29a in response to a valve control signal for allowing the hydraulic oil from the pilot hydraulic pump 20 to open the check valves so that the hydraulic oil can be discharged from the ram cylinders 24, brake pressure sensor for detecting hydraulic oil pressure supplied to

the brakes, joystick position detector for detecting position of the joystick to generate one of a forward position signal, a backward position signal and a neutral signal, and a controller 19 for applying the valve control signal to the ram cylinder control valve 29 if the forward position signal or the backward position signal is received and if the brake pressure is no greater than a set pressure, and for cutting off the valve control signal applied to the ram cylinder control valve 26 if the neutral signal is received and if the brake pressure exceeds the set pressure.

FIG. 2





European Patent
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EUROPEAN SEARCH REPORT

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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			E02F F15B B60T
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 15 June 2005	Examiner Krikorian, 0
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