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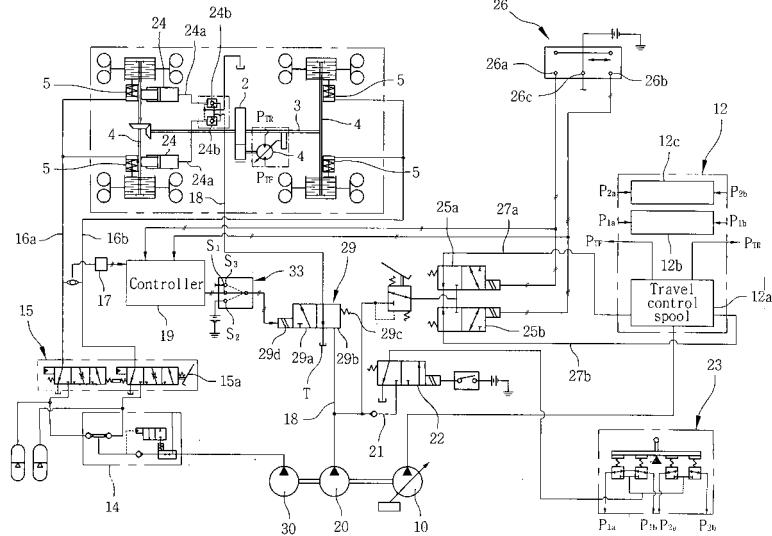
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(54) Ram cylinder control system for wheel type excavator

(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





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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
2	Place of search The Hague	Date of completion of the search 15 June 2005	Examiner Krikorian, O
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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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.

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