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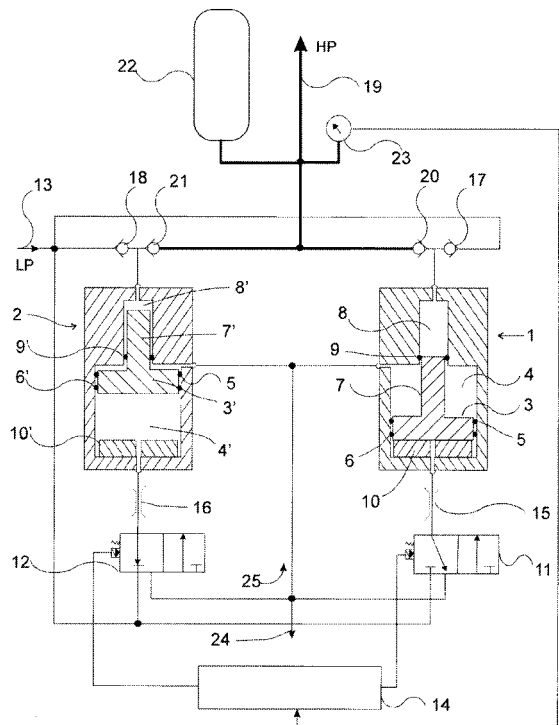
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(54) **Hydraulic pressure intensifiers**

(57) A hydraulic intensifier comprises a piston and cylinder assembly (1) having a first piston (3) in a chamber (4) of low pressure cylinder and a second piston (7) in a chamber (8) of a high pressure cylinder. The first and second pistons are coupled together and the first piston has a larger cross-sectional area than the second piston. A high pressure output (19) is coupled to the chamber of the high pressure cylinder, there being: means (13) for supplying low pressure hydraulic fluid to the chamber of the low pressure cylinder; an electrically operated directional control valve (11) for controlling the supply of low pressure hydraulic fluid to the chamber of the low pressure cylinder; and electronic means (14) for controlling operation of the directional control valve.



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EUROPEAN SEARCH REPORT

Application Number
EP 09 16 0204

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		21 May 2010	Krikorian, Olivier
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone		T : theory or principle underlying the invention	
Y : particularly relevant if combined with another document of the same category		E : earlier patent document, but published on, or after the filing date	
A : technological background		D : document cited in the application	
O : non-written disclosure		L : document cited for other reasons	
P : intermediate document	 & : member of the same patent family, corresponding document	

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**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
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