

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1716/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :13/06/2011

(43) Publication Date : 31/08/2012

(54) Title of the invention : DUAL PORT MONO TUBE SUSPENSION SYSTEM

(51) International classification	:B60G	(71)Name of Applicant :
	17/02	1)GABRIEL INDIA LIMITED
(31) Priority Document No	:NA	Address of Applicant :29TH, MILESTONE, PUNE NASIK
(32) Priority Date	:NA	HIGHWAY, VILLAGE : KURULI, TAL:KHED, DIST: PUNE-
(33) Name of priority country	:NA	410 501 MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DIVAKAR BHAT
(87) International Publication No	:N/A	2)VRISHALI B.YAMAGEKAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a dual port monotube suspension system type shock absorber and coil spring suspension type system having an accumulator for storing fluid, such as hydraulic oil, under gas pressure or without pressure, having fluid communication across movable piston and stationary base valve with valves arrangement so that the fluid is continually being transferred between the accumulator, the piston with valving and base valve case with valving, thus generating damping force in response to movement of the wheels of the vehicle on road with which the system is associated in use of the vehicle.

No. of Pages : 14 No. of Claims : 7