

Title (en)
Valve assembly for air guns.

Title (de)
Ventil für Druckluftwaffen.

Title (fr)
Soupape pour arme à air comprimé.

Publication
EP 0440428 A2 19910807 (EN)

Application
EP 91300683 A 19910130

Priority
GB 9002202 A 19900131

Abstract (en)
A valve assembly for supplying air under pressure to the firing chamber of an air gun includes a hollow cylindrical chamber which houses a slidable piston whose external diameter is slightly less than the internal diameter of the cylindrical chamber to define an airflow passage therebetween. Air under pressure is admitted to that portion of the chamber interior which lies to one side of the piston and the piston is moved along the chamber immediately before release of the air from the chamber in a sense further to compress the air present therein. The re-compressed air can then be selectively released from the cylindrical chamber to the firing chamber of the air gun. <IMAGE>

IPC 1-7
F41B 11/32

IPC 8 full level
F41B 11/72 (2013.01)

CPC (source: EP)
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Cited by
US5890479A; US6550468B1; US5450839A; GB2356690A; GB2356690B; US5494024A; US5669369A; US6474325B2; WO9411695A1

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