

Title (en)  
TELESCOPIC HYDRAULIC CYLINDER

Title (de)  
TELESKOPISCHER HYDRAULIKZYLINDER

Title (fr)  
CYLINDRE HYDRAULIQUE TÉLESCOPIQUE

Publication  
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Application  
**EP 11193278 A 20111213**

Priority  
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• EP 11193278 A 20111213

Abstract (en)  
[origin: EP2466156A1] The invention concerns a telescopic hydraulic cylinder comprising two or more concentric cylindrical tubes (14,20,21,22,23) and a piston (19); seals (37) between the cylindrical tubes and the piston whereby the cylindrical tubes and the piston can move in axial direction relative one another between a retracted position and an extended position, for in the extended position limiting further extending axial movement an inner tube (20,21,22,23) or piston has an outer stop ring (35) mounted in an outer groove in its outer surface and an outer tube or base tube has an inner stop ring (36) mounted in an inner groove in its inner surface. In accordance with the invention adjacent to the outer groove there is an outer relieve groove.

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