

Title (en)

An hydraulic accumulator and an hydraulic impacting device with same.

Title (de)

Hydraulischer Druckspeicher und damit ausgestattetes hydraulisches Schlagwerkzeug.

Title (fr)

Accumulateur hydraulique et dispositif de percussion hydraulique comprenant un tel appareil.

Publication

EP 0197911 A2 19861015 (EN)

Application

EP 86850119 A 19860409

Priority

SE 8501793 A 19850412

Abstract (en)

An hydraulic impact device for example a jack hammer has an hydraulic accumulator in the form of a tube (34) of glass fibre reinforced epoxy. The tube is coaxial with the hammer piston (16). The elasticity of the tube and the resulting forces in the tube itself provide for the accumulating capacity. Thus, there is no spring but the wall itself.

IPC 1-7

F15B 1/04; B25D 9/12

IPC 8 full level

B25D 17/00 (2006.01); **F15B 1/02** (2006.01); **F15B 1/04** (2006.01)

CPC (source: EP)

F15B 1/04 (2013.01); **F15B 2201/20** (2013.01); **F15B 2201/3151** (2013.01); **F15B 2201/4053** (2013.01); **F15B 2201/411** (2013.01); **F15B 2201/413** (2013.01)

Cited by

EP2299126A1; WO03093680A1; US6789388B1; BE1014807A5; US8991433B2; US8701398B2; US7048009B2; EP0947293B1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0197911 A2 19861015; BR 8601683 A 19861216; DK 164086 A 19861013; DK 164086 D0 19860411; FI 861533 A0 19860410; FI 861533 A 19861013; JP S62251501 A 19871102; SE 8501793 D0 19850412; SE 8501793 L 19861013; ZA 862762 B 19861230

DOCDB simple family (application)

EP 86850119 A 19860409; BR 8601683 A 19860414; DK 164086 A 19860411; FI 861533 A 19860410; JP 8327186 A 19860412; SE 8501793 A 19850412; ZA 862762 A 19860414