

Title (en)
SILENCER FOR PNEUMATIC HAMMER

Publication
EP 0019568 B1 19820217 (FR)

Application
EP 80420060 A 19800513

Priority
FR 7913912 A 19790522

Abstract (en)
[origin: ES8101444A1] A muffler for a pneumatic hammer of the type in which a cylinder receives a piston or ram which is pneumatically driven into contact with an anvil, e.g. the rear end of a tool, and in which the discharge of the air is muffled to limit the noise generated by the apparatus. The air to be discharged into the atmosphere is vented into an annular space between an outer wall of a sleeve or head surrounding the cylinder and connected by an elastic suspension thereto.

IPC 1-7
B25D 17/12; **F01N 1/20**; **F01N 1/22**

IPC 8 full level
B25D 17/12 (2006.01); **F01N 1/20** (2006.01); **F01N 1/22** (2006.01)

CPC (source: EP US)
B25D 17/12 (2013.01 - EP US); **F01N 1/20** (2013.01 - EP US)

Cited by
EP0505726A1; EP0104156A3

Designated contracting state (EPC)
AT BE CH DE GB IT LU NL SE

DOCDB simple family (publication)
EP 0019568 A1 19801126; **EP 0019568 B1 19820217**; **EP 0019568 B2 19860115**; AT E691 T1 19820315; DE 3060201 D1 19820325; ES 491591 A0 19801216; ES 8101444 A1 19801216; FR 2457152 A1 19801219; FR 2457152 B1 19820709; US 4558763 A 19851217

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EP 80420060 A 19800513; AT 80420060 T 19800513; DE 3060201 T 19800513; ES 491591 A 19800517; FR 7913912 A 19790522; US 15203480 A 19800521