

Title (en)
Mortar barrel

Title (de)
Mörserrohr

Title (fr)
Canon de mortier

Publication
EP 1348927 A3 20041006 (DE)

Application
EP 03002260 A 20030201

Priority
DE 10213928 A 20020328

Abstract (en)
[origin: EP1348927A2] The mortar tube (1) has a portion of reduced outside diameter at the lower end with a male thread engaging a female thread on a cup or ground piece (2). This piece closes the end of the tube. The plain cylindrical end of the tube fits closely into the cup and the flat end of the tube (4). A cutout (5) in the inside of the end of the tube accommodates a U-section sealing ring (3) with the sides of the U (3.1) extending inward. When the mortar is fired, the gas pressure pushes the sides of the U more firmly against the end of the tube and the bottom of the cup.

IPC 1-7
F41A 21/48; **F41F 1/06**

IPC 8 full level
F41A 3/74 (2006.01); **F41A 21/48** (2006.01); **F41F 1/06** (2006.01)

CPC (source: EP US)
F41A 3/74 (2013.01 - EP US); **F41A 21/482** (2013.01 - EP US); **F41F 1/06** (2013.01 - EP US)

Citation (search report)
• [X] EP 0178284 A1 19860416 - VER EDELSTAHLWERKE AG [AT]
• [X] US 5305679 A 19940426 - BEGNEU MICHEL [FR]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
EP 1348927 A2 20031001; **EP 1348927 A3 20041006**; **EP 1348927 B1 20061011**; AT E342483 T1 20061115; DE 10213928 A1 20031009; DE 50305315 D1 20061123; ES 2272822 T3 20070501; US 2004007873 A1 20040115; US 7171886 B2 20070206

DOCDB simple family (application)
EP 03002260 A 20030201; AT 03002260 T 20030201; DE 10213928 A 20020328; DE 50305315 T 20030201; ES 03002260 T 20030201; US 40092103 A 20030328