

F42 AMMUNITION; BLASTING

F42D BLASTING (fuses, e.g. fuse cords, C06C 5/00; blasting cartridges F42B 3/00)

1/00 Blasting methods or apparatus, e.g. for loading or tamping

- 1/02 . Arranging blasting cartridges to form an assembly (adaptation of blasting cartridges therefor F42B 3/02)
- 1/04 . Arrangements for ignition
- 1/045 . . Arrangements for electric ignition (dynamo-electric generators H02K) [5]
- 1/05 . . . Electric circuits for blasting [5]
- 1/055 specially adapted for firing multiple charges with a time delay [5]
- 1/06 . . Relative timing of multiple charges (F42D 1/055 takes precedence)
- 1/08 . Tamping methods; Methods for loading boreholes with explosives; Apparatus therefor [5]
- 1/10 . . Feeding explosives in granular or slurry form; Feeding explosives by pneumatic or hydraulic pressure [5]
- 1/12 . . Feeding tamping material by pneumatic or hydraulic pressure [5]
- 1/14 . . Hand-operated tamping or loading [5]
- 1/16 . . . Tamping tools [5]
- 1/18 . . Plugs for boreholes [5]
- 1/20 . . Tamping cartridges, i.e. cartridges containing tamping material (flexible or deformable blasting cartridges F42B 3/087) [5]

- 1/22 . . Means for holding or positioning blasting cartridges or tamping cartridges in boreholes [5]
- 1/24 . . characterised by the tamping material [5]
- 1/26 . . . Tamping with foaming agents [5]
- 1/28 . . . Tamping with gelling agents [5]

3/00 Particular applications of blasting techniques

- 3/02 . for demolition of tall structures, e.g. chimney stacks
- 3/04 . for rock blasting
- 3/06 . for seismic purposes

5/00 Safety arrangements

- 5/02 . Locating undetonated charges
- 5/04 . Rendering explosive charges harmless, e.g. destroying ammunition (extracting primers, dismantling ammunition F42B 33/04, F42B 33/06); Rendering detonation of explosive charges harmless [5]
- 5/045 . . Detonation-wave absorbing or damping means [5]
- 5/05 . . . Blasting mats [5]
- 5/055 . . Silencing means for blasting operations (F42D 5/045 takes precedence) [5]
- 5/06 . Unloading boreholes

7/00 Other blasting