SECTION F — MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING

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, 2006.01]**
1/02 • Arranging blasting cartridges to form an assembly (adaptation of blasting cartridges therefor F42B 3/02) **[1, 2006.01]**
1/04 • Arrangements for ignition **[1, 2006.01]**
1/045 • • Arrangements for electric ignition (dynamo-electric generators H02K) **[5, 2006.01]**
1/05 • • • Electric circuits for blasting **[5, 2006.01]**
1/055 • • • • specially adapted for firing multiple charges with a time delay **[5, 2006.01]**
1/06 • • Relative timing of multiple charges (F42D 1/055 takes precedence) **[1, 2006.01]**
1/08 • Tamping methods; Methods for loading boreholes with explosives; Apparatus therefor **[1, 5, 2006.01]**
1/10 • • Feeding explosives in granular or slurry form; Feeding explosives by pneumatic or hydraulic pressure **[5, 2006.01]**
1/12 • • Feeding tamping material by pneumatic or hydraulic pressure **[5, 2006.01]**
1/14 • • Hand-operated tamping or loading **[5, 2006.01]**
1/16 • • • Tamping tools **[5, 2006.01]**
1/18 • • Plugs for boreholes **[5, 2006.01]**
1/20 • • Tamping cartridges, i.e. cartridges containing tamping material (flexible or deformable blasting cartridges F42B 3/087) **[5, 2006.01]**
1/22 • • Means for holding or positioning blasting cartridges or tamping cartridges in boreholes **[5, 2006.01]**
1/24 • • characterised by the tamping material **[5, 2006.01]**
1/26 • • • Tamping with foaming agents **[5, 2006.01]**
1/28 • • • Tamping with gelling agents **[5, 2006.01]**

3/00 **Particular applications of blasting techniques [1, 2006.01]**
3/02 • for demolition of tall structures, e.g. chimney stacks **[1, 2006.01]**
3/04 • for rock blasting **[1, 2006.01]**
3/06 • for seismic purposes **[1, 2006.01]**

5/00 **Safety arrangements [1, 2006.01]**
5/02 • Locating undetonated charges **[1, 2006.01]**
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 **[1, 5, 2006.01]**
5/045 • • Detonation-wave absorbing or damping means **[5, 2006.01]**
5/05 • • • Blasting mats **[5, 2006.01]**
5/055 • • Silencing means for blasting operations (F42D 5/045 takes precedence) **[5, 2006.01]**
5/06 • Unloading boreholes **[1, 2006.01]**

99/00 **Subject matter not provided for in other groups of this subclass [2009.01]**