

Title (en)

Fire extinguisher with an integrally sealed unit

Title (de)

Feuerlöscher mit einer integral abgedichteten Einheit

Title (fr)

Extincteur d'incendie avec unité étanchée intégralement

Publication

EP 1658883 A1 20060524 (EN)

Application

EP 05257137 A 20051119

Priority

- GB 0425682 A 20041123
- GB 0522604 A 20051107

Abstract (en)

There is provided a fire extinguisher comprising a metal outer body (10) and an inner bottle (14) made of plastics material, a neck portion (36) of the bottle (14) engaging with a neck portion (32) of the outer body (10) and a cap (40) being permanently sealed over and to both the neck portions. This results in integral sealing of the bottle (14), ensuring that substances contained within the bottle (14). The bottle (14) is blow-moulded from polymer plastics material, with the internal surface of the bottle and cap coated with "nylon 66". This ensures that the bottle (14) is non-leaching of gaseous contents and with the metal outer body (10) encasing the plastics material, deterioration of plastics material from light is also prevented. To assess the condition of the inner body and whether contents have been compromised, a pressure gauge (15) is positioned on the metal outer body (10) and extends through a small aperture in the metal body to connect with the outer surface of the bottle (14). The pressure gauge is responsive to any deflection of the bottle (14).

IPC 8 full level

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CPC (source: EP)

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