

Title (en)

Manhole cover for a multifunctional mounting ring in armoured vehicles

Title (de)

Luke für einen multifunktionalen Aufnahmering an gepanzerten Fahrzeugen

Title (fr)

Couvercle de trou pour un anneau de montage multifonctionnel dans des véhicules blindés

Publication

EP 1318375 A3 20030618 (DE)

Application

EP 02021927 A 20020928

Priority

DE 10160208 A 20011207

Abstract (en)

[origin: EP1318375A2] The hatch (2) for the roof of a wheeled or tracked armored vehicle (1) is fitted to a multi-function mounting ring (6), as the interface and flange ring. The hatch has the modular structure of a weapon mounting, to be replaced by a secondary armament according to the required mission. The multi-function mounting ring is built into the circular opening in the roof and welded in place. The hatch mounting (3) is fitted to the ring and secured by bolts to give a choice of a hatch or a weapon. The hatch mounting has a bearing ring, which fits the vehicle mounting ring.

IPC 1-7

F41H 5/22

IPC 8 full level

F41H 5/22 (2006.01)

CPC (source: EP)

F41H 5/223 (2013.01)

Citation (search report)

- [A] FR 2311747 A1 19761217 - NISSO SANGYO KK [JP]
- [A] DE 3245686 A1 19840628 - KRAUSS MAFFEI AG [DE]
- [A] US 3757635 A 19730911 - HICKERSON F, et al

Cited by

FR3002030A1; RU2638203C2; WO2014125195A1; EP2561306A1; EP2956738B1

Designated contracting state (EPC)

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