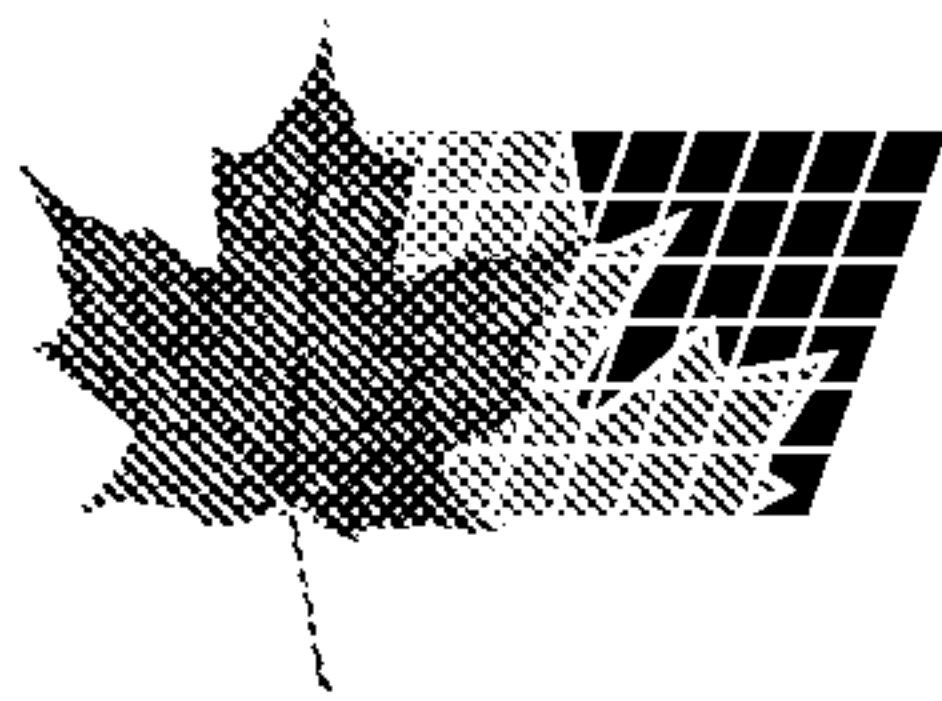




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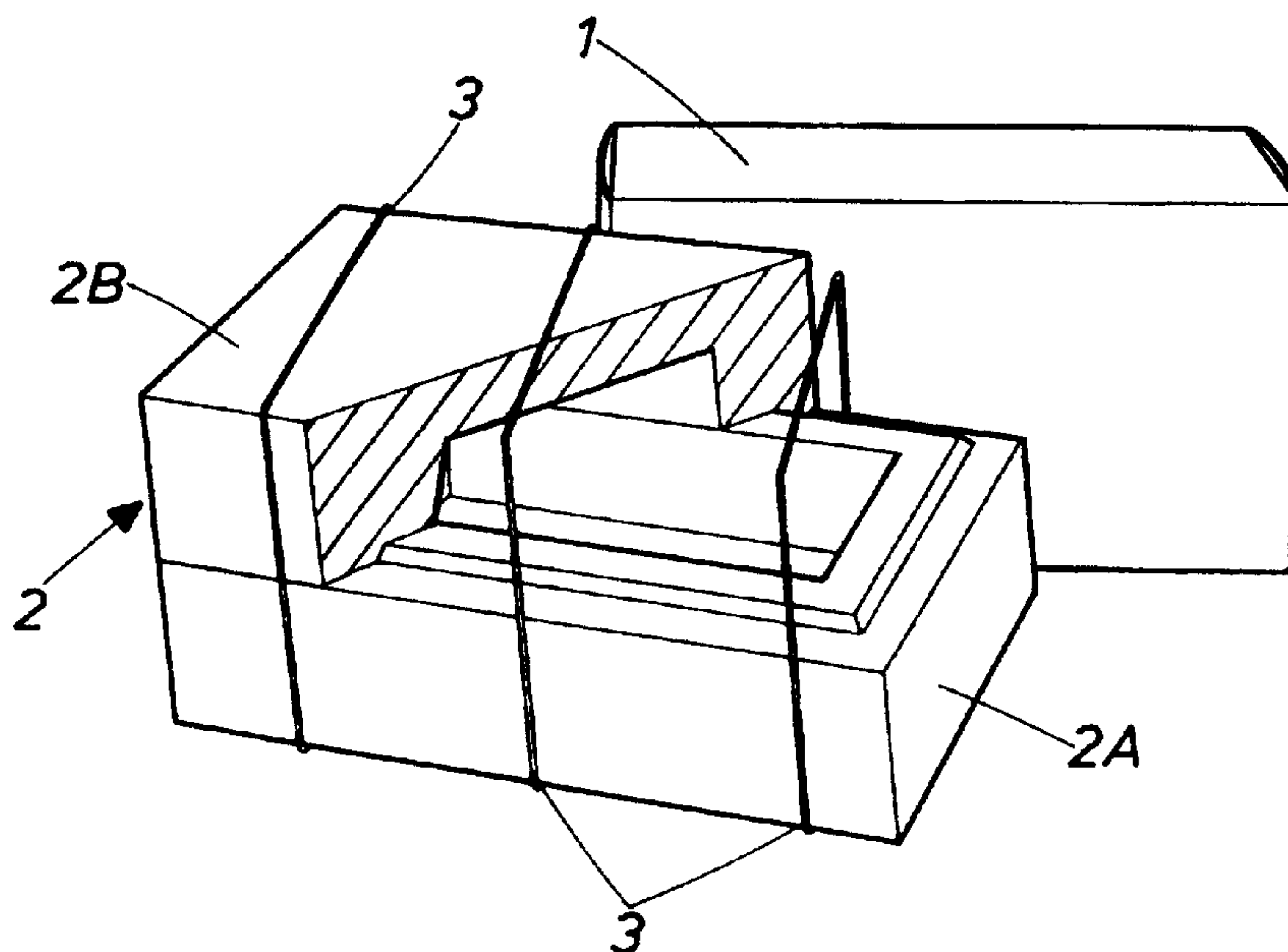
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(51) Int.Cl.⁶ F42B 39/18

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(54) **EMBALLAGE DE MARCHANDISES DANGEREUSES**

(54) **PACKAGE FOR DANGEROUS GOODS**



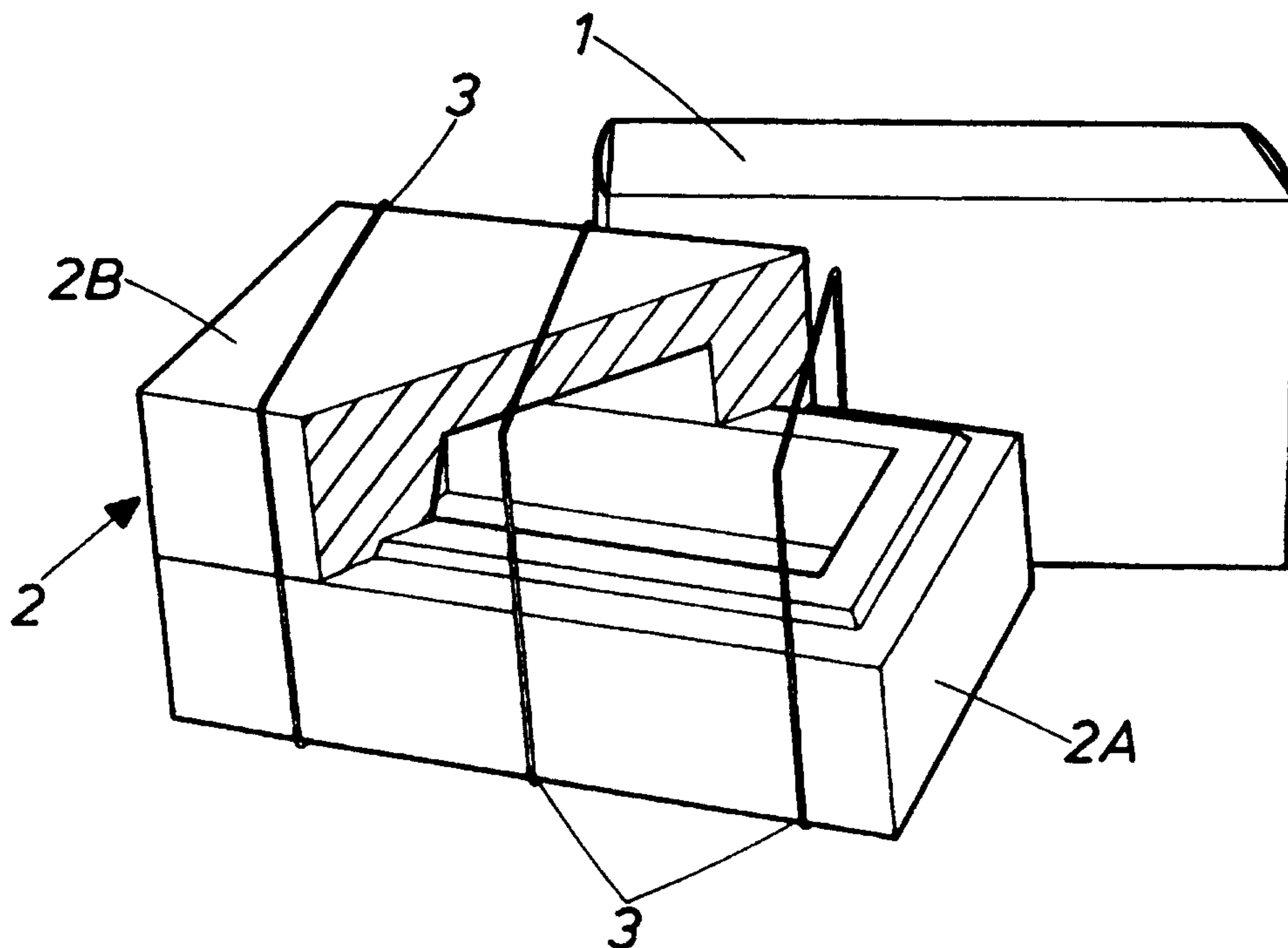
(57) L'invention concerne un emballage de marchandises dangereuses, par exemple, contenant de la poudre à feu et des cartouches de gaz. Cet emballage comprend une boîte externe (1) en carton blanchi rigide, un conditionnement interne (2) en laine minérale moulée, et des cadres en fil métallique (3) placés autour du conditionnement interne.

(57) A package for dangerous goods, for example containing gunpowder and gas cartridges, comprises the combination of an outer box (1) of solid cardboard, an inner packaging (2) of moulded mineral wool, and wire frames (3) around the inner packaging.

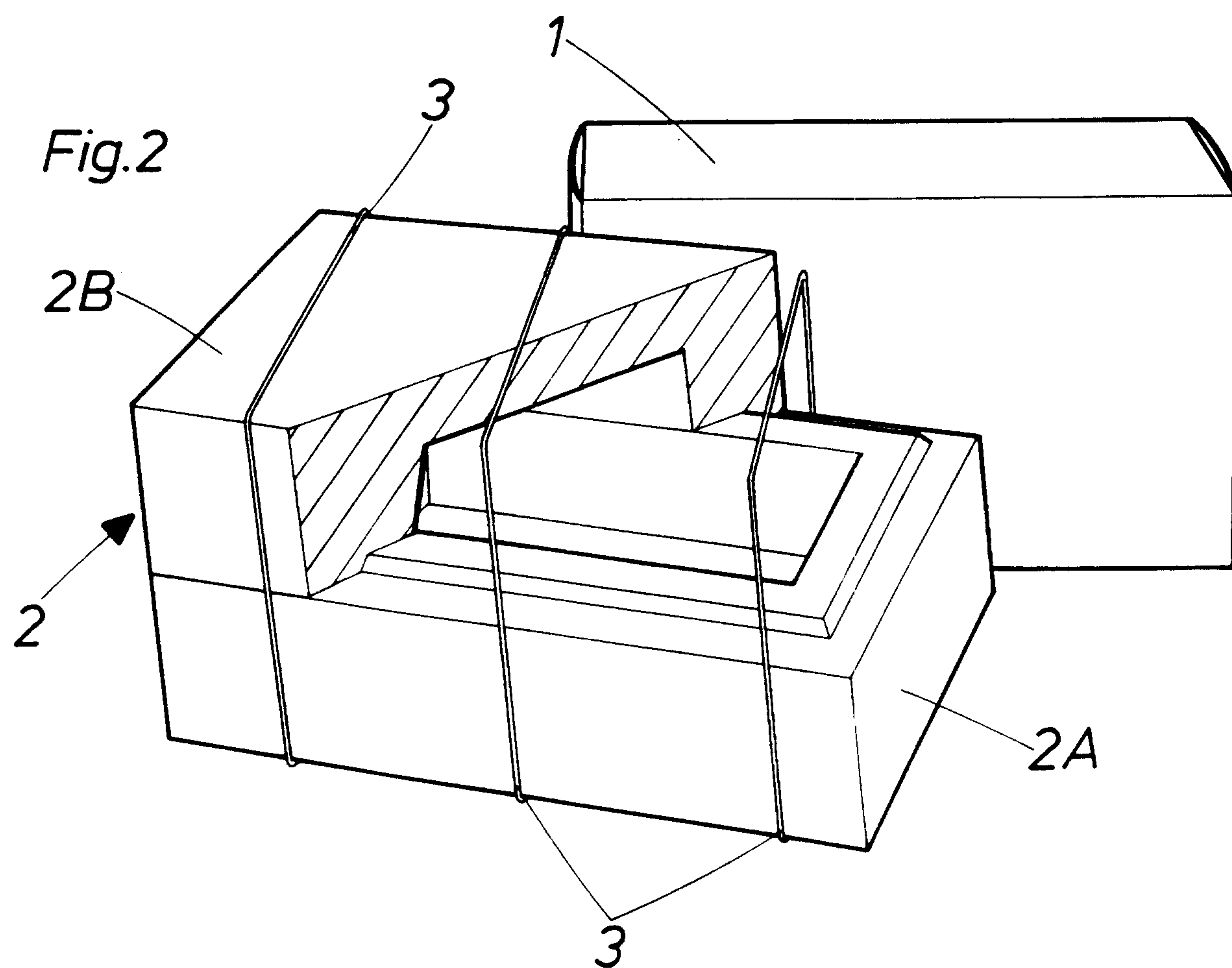
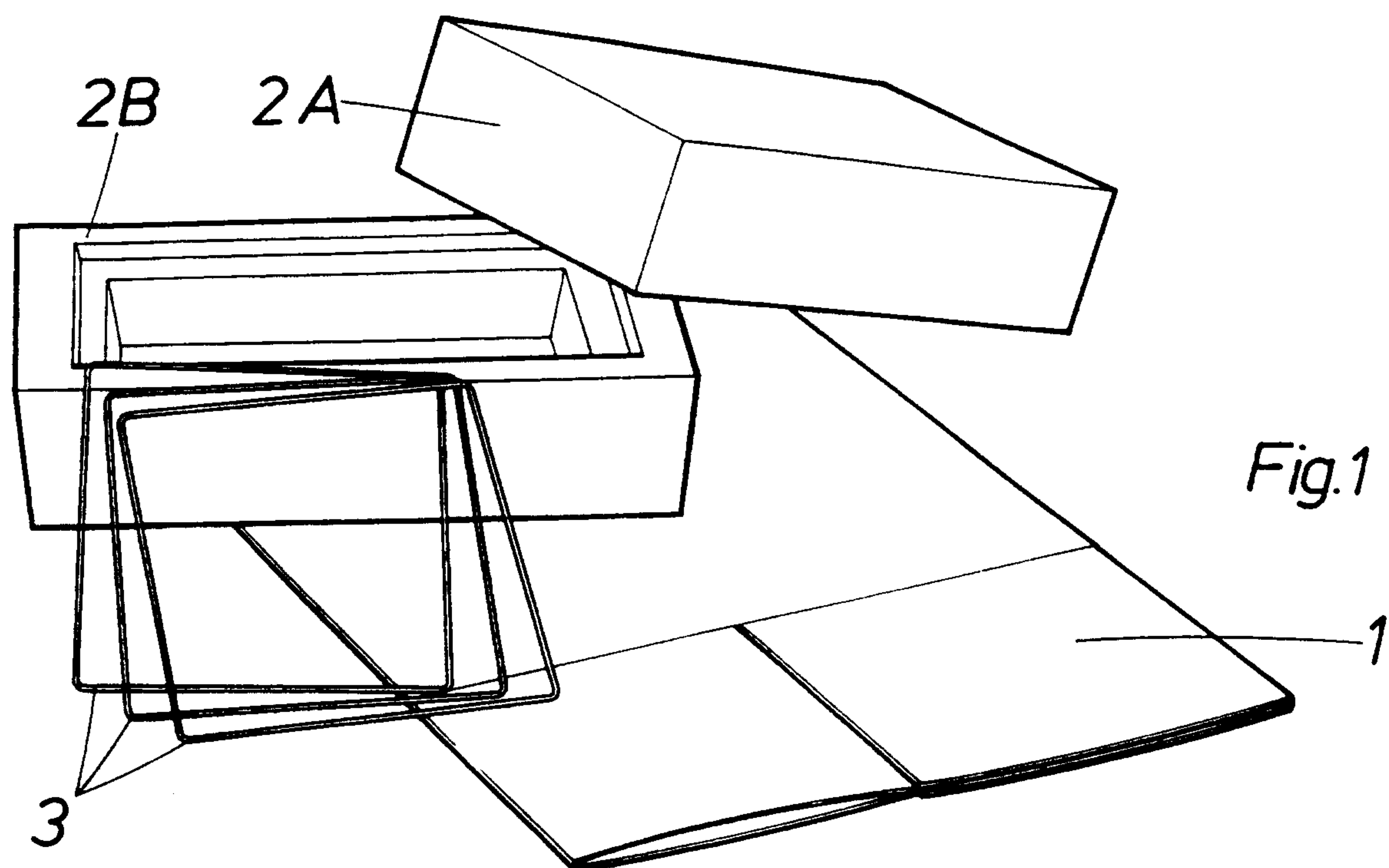
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(21) International Application Number: PCT/SE99/00072 (22) International Filing Date: 20 January 1999 (20.01.99) (30) Priority Data: 9800147-2 22 January 1998 (22.01.98) SE (71) Applicant (for all designated States except US): BRÖDERNA LJUNGQUIST AB [SE/SE]; P.O. Box 144, S-421 22 Västra Frölunda (SE). (72) Inventor; and (75) Inventor/Applicant (for US only): LINDGREN, Rolf [SE/SE]; Billdals Hagenväg 10, S-427 37 Billdal (SE). (74) Agents: STRÖM, Tore et al.; Ström & Gulliksson AB, P.O. Box 4188, S-203 13 Malmö (SE).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>

(54) Title: PACKAGE FOR DANGEROUS GOODS**(57) Abstract**

A package for dangerous goods, for example containing gunpowder and gas cartridges, comprises the combination of an outer box (1) of solid cardboard, an inner packaging (2) of moulded mineral wool, and wire frames (3) around the inner packaging.



CLAIMS

1. A package, primarily intended for dangerous goods, for example containing gunpowder and gas cartridges, c h a r a c t e r i z e d by the combination of
5 an outer box (1) of flame-resistant solid cardboard, an inner packaging (2) of moulded mineral wool, and wire frames (3) or wire cages around the inner packaging.
2. A package according to claim 1, c h a r a c t e r-
10 i z e d in that the cardboard material of the outer box (1) has a weight of typically 1150 g/m².
3. A package according to claim 2, c h a r a c t e r-
i z e d in that the outer box (1) is mounted or sealed by steel clamps or staples.
- 15 4. A package according to claim 1, c h a r a c t e r-
i z e d in that the mineral wool fiber material of the inner packaging (2) has a volumetric weight of typically 115 kg/m³.
5. A package according to claim 1, c h a r a c t e r-
20 i z e d in that the inner packaging (2) comprises two portions: a bottom (2A) and a cover (2B) with interfitting edge rims and grooves.
6. A package according to claim 5, c h a r a c t e r-
i z e d in that the material thickness of the inner
25 packaging (2) typically is 40 mm, except at sides with joints, where the thickness typically is 60 mm.
7. A package according to claim 1, c h a r a c t e r-
i z e d in that the wire frames (3) or wire cages are made of steel wire with a typical diameter of 3 mm.
- 30 8. A package according to claim 1, c h a r a c t e r-
i z e d in that three wire frames (3) are used.

