

Title (en)  
Improvements to an emergency shelter.

Title (de)  
Notunterkunft.

Title (fr)  
Abri d'urgence.

Publication  
**EP 0345600 A1 19891213 (EN)**

Application  
**EP 89109700 A 19890530**

Priority  
IT 2087588 A 19880607

Abstract (en)  
An emergency shelter (1) for use in an ambient polluted by gas, noxious substances dispersed in the atmosphere and the like. The shelter comprises a base (2) and a deformable envelope (3) of impermeable elastomeric material forming a closed space for lodging a plurality of persons. The envelope walls comprise at least two superimposed sheets (6, 7) forming a closed air-space (8) inflatable with a fluid under pressure and means (20, 21) for regulating the overpressure of the fluid with respect to the outer ambient. Inside the shelter there are masks for the individual breathing with the relative valves associated to the walls.

IPC 1-7  
**E04H 15/20**; E04H 1/12

IPC 8 full level  
**E04H 1/12** (2006.01); **E04H 15/20** (2006.01)

CPC (source: EP)  
**E04H 1/1277** (2013.01); **E04H 15/20** (2013.01); **E04H 2015/201** (2013.01); **E04H 2015/202** (2013.01)

Citation (search report)

- [Y] US 4114325 A 19780919 - HOCHSTEIN ALFRED
- [Y] EP 0075483 A1 19830330 - AIRBORNE IND [GB]
- [A] DE 8627545 U1 19880128
- [A] DE 2634873 A1 19780209 - NOTTER HEINZ JOACHIM DIPL ING
- [A] US 4736762 A 19880412 - WAYMAN JOSEPH R [US]

Cited by  
EP1923530A1; DE102004025308A1; CN103883157A; US5761852A; DE19525374A1; US5901504A; FR3133630A1; US2022298816A1; US11761221B2; EP1387024A1; US5305561A; EP0542707A1; AU648440B2; US5331991A; GB2421742A; GB2421742B; FR3066413A1; EP0859105A1; AU748173B2; NL1036713C2; US1155326B2; US9410342B2; WO2008068493A3; WO2012147080A1; WO2005017291A1; WO2018210934A3; EP3816371B1

Designated contracting state (EPC)  
DE FR GB SE

DOCDB simple family (publication)  
**EP 0345600 A1 19891213**; **EP 0345600 B1 19910911**; DE 68900256 D1 19911017; IT 1217792 B 19900330; IT 8820875 A0 19880607

DOCDB simple family (application)  
**EP 89109700 A 19890530**; DE 68900256 T 19890530; IT 2087588 A 19880607