

Title (en)
UNDERGROUND SHELTER COMPRISING SEVERAL PROTECTION CELLS

Publication
EP 0079026 B1 19870311 (DE)

Application
EP 82110083 A 19821102

Priority
DE 3144141 A 19811106

Abstract (en)
[origin: US4507899A] An underground protective shelter installation has several protective cells connected to one another, the cells being assembled of prefinished steel-reinforced concrete components which are hermetically sealed to one another and braced by clamping components. At least one opening is provided in a protective chamber for access to an inner chamber of the protective shelter installation. The protective chambers essentially comprise two basic prefinished components, namely a substantially circular disk used as an upper cover, intermediate ceiling, or as a lower closure, and a cylindrical ring, one story high and located between two of the disks. The entrance level includes an inner passageway and an outer entrance passageway having an exit opening above the protective shelter installation in the outdoor area.

IPC 1-7
E04H 9/12

IPC 8 full level
E04H 9/12 (2006.01)

CPC (source: EP US)
E04H 9/12 (2013.01 - EP US)

Cited by
FR2687711A1

Designated contracting state (EPC)
AT BE CH FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0079026 A1 19830518; EP 0079026 B1 19870311; AT E25864 T1 19870315; DE 3144141 A1 19830526; DE 3144141 C2 19860109; US 4507899 A 19850402

DOCDB simple family (application)
EP 82110083 A 19821102; AT 82110083 T 19821102; DE 3144141 A 19811106; US 42255982 A 19820924