Title (en)

ANTI-PERSONNEL MINE FOOT PROTECTION SYSTEMS

Title (de)

SCHUTZVORRICHTUNG FÜR FÜSSE GEGEN ANTIPERSONENMINEN

Title (fr)

SYSTEMES DE PROTECTION DU PIED CONTRE LES MINES ANTIPERSONNELLES

Publication

EP 0995073 A1 20000426 (EN)

Application

EP 98933419 A 19980717

Priority

- CA 9800694 W 19980717
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- US 6347398 A 19980420

Abstract (en)

[origin: WO9904216A1] A system (100) to provide foot protection against anti-personnel land mines is designed for use by mine clearance personnel and includes a raised frame having a central foot support location thereon which ensures a spacing of the wearer's foot above the ground surface of from 10 to 30 cm. The ground-engaging parts (102, 103) of the frame are spaced forwardly and rearwardly of the foot location (105) and the frame includes on its underside blast protection material (128, 130), the combined results of these measures being to greatly attenuate the blast and fragmentation effects of an exploding mine on the foot of the user. Moreover, the underside of the structure, including legs (102, 103), is aerodynamically shaped to deflect the blast wave loading and fragments generated by the mine detonation.

IPC 1-7 (main, further and additional classification)

F41H 1/00

IPC 8 full level (invention and additional information)

A43B 3/00 (2006.01)

CPC (invention and additional information)

A43B 3/0026 (2013.01)

Citation (search report)

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Cited by

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