

Title (en)

IMPACT ABSORBING SAFETY HELMET FOR MINING

Title (de)

STOSSDÄMPFENDER SICHERHEITSEHELM FÜR DEN BERGBAU

Title (fr)

CASQUE DE SÉCURITÉ À ABSORPTION DE CHOCS POUR EXPLOITATION MINIÈRE

Publication

**EP 2521465 A1 20121114 (EN)**

Application

**EP 10801320 A 20101217**

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Abstract (en)

[origin: WO2011084660A1] An industrial safety helmet that provides both impact and penetration resistance is disclosed. The helmet includes a dome-shaped outer shell, an impact absorbing layer, and an at least one ear-temple guard. The outer shell has a thickness ranging from about 1 mm to about 3 mm. The outer shell comprises a plurality of ventilation ports. The surface area of the plurality of ventilation ports comprises less than about 5% of the surface area of the outer shell. The impact absorbing layer is disposed substantially within and adjacent to the outer shell and has a thickness ranging from about 1 cm to about 3 cm. The ear-temple guard is sized to substantially cover a wearer's ear and temple area.

IPC 8 full level

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CPC (source: EP)

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