

Title (en)
BULLETPROOF CONSTRUCTION ELEMENT

Title (de)
KUGELSICHERES KONSTRUKTIONSELEMENT

Title (fr)
ELEMENT DE CONSTRUCTION PARE-BALLES

Publication
EP 0767892 A1 19970416 (EN)

Application
EP 95936937 A 19951206

Priority

- CZ 9500029 W 19951206
- CZ 305894 A 19941206
- CZ 384595 U 19950421
- CZ 325694 U 19941206

Abstract (en)
[origin: WO9618078A1] The invention relates to the bulletproof construction element, suitable in particular as a metal opening filler for the construction industry. This element is based on the use of at least first layer (1) and second layer (2) of different materials. The material used for the first layer (1) on the side of the incoming bullet, which has the function of spreading the pressure caused by the impact of a bullet to a larger area, is harder than 25 HRC, and the second layer (2), having the hardness of 20 - 40 % of the first layer (1), is formed of at least one panel (3) thinner than the first layer (1). At least one panel (3) is made of another material which absorbs and/or accumulates energy of the impact mostly by a flexible deformation.

IPC 1-7
F41H 5/04

IPC 8 full level
F41H 5/04 (2006.01)

CPC (source: EP)
F41H 5/04 (2013.01)

Citation (search report)
See references of WO 9618078A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
WO 9618078 A1 19960613; AU 3922195 A 19960626; EP 0767892 A1 19970416; SK 102596 A3 19970305

DOCDB simple family (application)
CZ 9500029 W 19951206; AU 3922195 A 19951206; EP 95936937 A 19951206; SK 102596 A 19951206