

Title (en)  
AVALANCHE BREAKING-UP ELEMENT WITH AN UMBRELLA-SHAPED STRUCTURE AND NET

Title (de)  
LAWINENVERBAUUNGSELEMENT MIT SCHIRMARTIGER STRUKTUR UND NETZWERK

Title (fr)  
BRISEUR D'AVALANCHES A STRUCTURE EN PARAPLUIE AVEC UN FILET

Publication  
**EP 0828897 A1 19980318 (DE)**

Application  
**EP 97908282 A 19970321**

Priority  
• EP 9701441 W 19970321  
• IT BZ960016 A 19960329

Abstract (en)  
[origin: WO9737085A1] An avalanche breaking-up element with a net has a stiff supporting structure (3, 4) for the net (11) which consists of a star-shaped arrangement of beams (4) that converge to a point (5) at the end of a stay (3) and are secured thereto. This stay has at its opposite end fastening members for anchoring the structure in the ground (1). The outer ends (6, 6a) of the beams (4) are linked to each other by a wire cable (8) and are linked to the stay and/or the ground anchor (1) by wire cables (7). The net (11) is secured to the wire cables (8) and beams (4).

IPC 1-7  
**E01F 7/04**

IPC 8 full level  
**E01F 7/04** (2006.01)

CPC (source: EP)  
**E01F 7/04** (2013.01)

Cited by  
EP1921210A1; WO2011117790A1; EP1728924A1; ITVR20100061A1; RU174847U1; ITVR20100060A1; RU2625834C1; US9062422B2; WO2014111755A1

Designated contracting state (EPC)  
AT CH ES FR IT LI

DOCDB simple family (publication)  
**WO 9737085 A1 19971009**; AT E218652 T1 20020615; EP 0828897 A1 19980318; EP 0828897 B1 20020605; ES 2176701 T3 20021201; IT 1288181 B1 19980911; IT BZ960016 A0 19960329; IT BZ960016 A1 19970929

DOCDB simple family (application)  
**EP 9701441 W 19970321**; AT 97908282 T 19970321; EP 97908282 A 19970321; ES 97908282 T 19970321; IT BZ960016 A 19960329