

Title (en)
IMPACT ANCHOR

Title (de)
EINSCHLAGANKER

Title (fr)
CHEVILLE

Publication
EP 1743102 A1 20070117 (DE)

Application
EP 05735244 A 20050414

Priority
• EP 2005003906 W 20050414
• DE 102004021811 A 20040503

Abstract (en)
[origin: WO2005108803A1] The invention relates to an impact anchor (10) comprising a base part (12) with an orifice (18), which runs in a longitudinal direction and has a conically tapered section (20) and an expansion body (26) that lies in said orifice (18) and which can be driven into the tapered section (20) of the orifice (18), thus expanding the anchor base part (12) securing it in a bore that is not illustrated. To improve the anchorage, the anchor base part (12) consists of a polygon (hexagon) that is rotated about its imaginary axis and has helical edges (14), which are forced into the wall of the bore (10) when the impact anchor is driven in and expanded.

IPC 8 full level
F16B 13/02 (2006.01); **F16B 13/12** (2006.01)

CPC (source: EP)
F16B 13/02 (2013.01); **F16B 13/126** (2013.01)

Citation (search report)
See references of WO 2005108803A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005108803 A1 20051117; AR 048637 A1 20060510; DE 102004021811 A1 20051201; EP 1743102 A1 20070117

DOCDB simple family (application)
EP 2005003906 W 20050414; AR P050101707 A 20050429; DE 102004021811 A 20040503; EP 05735244 A 20050414