

Title (en)
ANCHORING MEANS, ESPECIALLY FOR BALCONY ATTACHMENTS

Title (de)
VERANKERUNGSMITTEL INSBESONDERE FÜR BALKONANBAUTEN

Title (fr)
MOYENS D'ANCRAGE, EN PARTICULIER POUR BALCONS RAPPORTES

Publication
EP 1082501 A1 20010314 (DE)

Application
EP 99936293 A 19990520

Priority
• DE 9901516 W 19990520
• DE 19823220 A 19980525

Abstract (en)
[origin: WO9961715A1] The inventive anchoring elements are provided for a force-free, easily adjustable anchoring of loads comprised of rod-shaped additional constructions in the principal supporting framework of buildings. According to the invention, both the main and additional loads including thermal expansions are taken into consideration. The anchoring element of the first embodiment is comprised of four different components, namely two wall supports (1), a mounting bolt (2) located on the side of the wall, two distance bolts (3) and a rod bolt (4).

IPC 1-7
E04B 1/00

IPC 8 full level
E04B 1/00 (2006.01)

CPC (source: EP)
E04B 1/003 (2013.01)

Citation (search report)
See references of WO 9961715A1

Designated contracting state (EPC)
AT BE CH FR GB IT LI NL

DOCDB simple family (publication)
WO 9961715 A1 19991202; DE 19823220 C1 20000420; EP 1082501 A1 20010314; PL 343639 A1 20010827

DOCDB simple family (application)
DE 9901516 W 19990520; DE 19823220 A 19980525; EP 99936293 A 19990520; PL 34363999 A 19990520