Title (en)
ANCHOR STRETCHABLE UNDER TENSION

Publication
EP 0086751 A3 19840201 (DE)

Application
EP 83810061 A 19830211

Priority
- CH 73883 A 19830210
- CH 88082 A 19820212

Abstract (en)
[origin: EP0086751A2] 1. Anchoring device, subjectable to tensile stress, suited for linking two structural members, for example balconies or other construction units to a house, characterized by the following features : a) the anchor consists at least of one sleeve (1) to be inserted in a previously prepared structural member (A), and a protruding tension element (2) ; b) the tension element (2) is designed in such a way that it can be introduced into the sleeve (I) and anchored therein ; or that it can be introduced in a subsequently prepared structural element (B) either directly or by anchoring it in a second sleeve (1') or by combining it with a bushing (31, 32) ; c) the connection between the sleeve (1) or a least one of the sleeves (1, 1') and a tension element (2) inserted therein is laid out in such a way that it yields elastically when a tensile force is applied by the structural members, causing the tension element to partially pull out of the sleeve or sleeves so that the tensile force is reduced to a suitable amount.

IPC 1-7
E04B 1/41; E04B 1/48; E04B 1/00; F16B 13/00

IPC 8 full level
E04B 1/41 (2006.01)

CPC (source: EP)
E04B 1/4128 (2013.01)

Citation (search report)
- [A] US 3715851 A 19730213 - BENNETT C
- [A] DE 8028069 U1 19810205
- [A] AT 296575 B 19720225 - WAERNER THOR [DE]
- [A] FR 983089 A 19510619 - POUR LA CONSTRUCTION ET LA REP
- [A] DE 736625 C 19430623 - NIEDERGESAESS & CO

Cited by
DE102017009887A1; CN107401119A; EP2660401A3; DE202005002981U1; AT512627A1; AT512627B1; WO8503099A1; EP0196446B1; EP3473779A1

Designated contracting state (EPC)
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