

Title (en)

Universal hooking system for the lifting of concrete products.

Title (de)

Universalhaken zum Heben von Betonfertigteilen.

Title (fr)

Crochet universel pour élever des éléments préfabriqués en béton.

Publication

EP 0678472 A3 19951213 (EN)

Application

EP 95105557 A 19950412

Priority

- IT UD940062 A 19940419
- IT UD940063 A 19940419

Abstract (en)

[origin: EP0678472A2] Anchor bolt hooking system to fix into a concrete product, of the blade type (2) with external end endowed with at least two opposite lateral shoulders, substantially orthogonal (20), and with at least one hooking hole (22) on the outside of the fixing surface of the concrete product, in order that in said hole (22), by means of a "U" carved joint (1202), a hooking ring of the product (12) can be inserted endowed with means (1202) that prevent the rotation in said hole to force it to remain always in line with the axis of said anchor bolt, characterized in that said ring, in the orthogonal direction to said "U" joint (1202), has a widening (120) that forms a stop (1203) with said supporting shoulders (20) of said anchor bolt (2) at least on one side. <IMAGE>

IPC 1-7

B66C 1/66

IPC 8 full level

B66C 1/34 (2006.01); **B66C 1/66** (2006.01)

CPC (source: EP)

B66C 1/34 (2013.01); **B66C 1/666** (2013.01)

Citation (search report)

- [A] AT 349715 B 19790425 - FRICKER FRIMEDA METALL DRAHT [DE]
- [A] EP 0568934 A2 19931110 - ZAMBELLI BENITO [IT], et al
- [A] AT 328665 B 19760412 - FRICKER FRIMEDA METALL DRAHT [DE]
- [A] EP 0118865 A1 19840919 - VITO NICHOLAS A DE

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EP4119487A1; DE102006052986B4

Designated contracting state (EPC)

AT BE CH DE ES FR GB LI NL PT

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EP 0678472 A2 19951025; EP 0678472 A3 19951213; EP 0678472 B1 19990811; AT E183172 T1 19990815; DE 69511312 D1 19990916; ES 2138103 T3 20000101

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