

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 B1 19990811 (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)

Cited by
DE102006052986B4; EP4119487A1

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AT BE CH DE ES FR GB LI NL PT

DOCDB simple family (publication)
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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