

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

Cited by  
EP4119487A1; DE102006052986B4

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DOCDB simple family (publication)  
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