

Title (en)  
REINFORCING FOR CONCRETE PRODUCTS AND REINFORCED CONCRETE PRODUCTS

Title (de)  
VERSTÄRKUNG FÜR BETONTEILE UND VERSTÄRKTE BETONTEILE

Title (fr)  
PROCEDE DE RENFORCEMENT POUR PRODUITS EN BETON ET PRODUITS EN BETON ARME

Publication  
**EP 0876524 A1 19981111 (EN)**

Application  
**EP 97902880 A 19970115**

Priority  
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• ZA 96296 A 19960115

Abstract (en)  
[origin: WO9726395A1] A yarn for use in a cement mortar matrix, includes a core (22) and a multitude of staple fibers (26) forming a layer which envelopes the core (22) and provides an extended surface area and interstitial spaces for infiltration by cement fines and hydrates. The staple fibers (26) are spun around the core (22) and attached to the core (22) at spaced areas (30). The staple fibers (26) also have sufficient freedom of radial movement to provide the interstitial spaces and permit ingress of cement fines and the formation of hydrates (28) in these spaces.

IPC 1-7  
**D02G 3/00**

IPC 8 full level  
**D02G 3/36** (2006.01); **D02G 3/38** (2006.01); **D02G 3/40** (2006.01); **D02G 3/44** (2006.01); **E04C 5/07** (2006.01)

CPC (source: EP)  
**D02G 3/36** (2013.01); **D02G 3/38** (2013.01); **D02G 3/40** (2013.01); **D02G 3/447** (2013.01); **E04C 5/07** (2013.01); **E04C 5/073** (2013.01); **D10B 2401/041** (2013.01)

Cited by  
CN103993449A; CN104284774A; JP2015504377A; AU2012332568B2; US10167635B2; US11008756B2; US9187902B2; US9567750B2; US10435859B2; US10870964B2; US10221569B2; US11098486B2; US11428006B2; WO2013067034A1

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