

Title (en)
Steel fibre for reinforcement of high-performance concrete

Title (de)
Stahlfaser zur Armierung von Stahlbeton hoher Leistung

Title (fr)
Fibre d'acier pour le renforcement de béton à haute performance

Publication
EP 0861948 A1 19980902 (EN)

Application
EP 97200582 A 19970228

Priority
• EP 97200582 A 19970228
• EP 9801126 W 19980223

Abstract (en)
A steel fibre (10) for reinforcement of high-performance concrete or mortar has a length ranging from 3 mm to 30 mm, a thickness ranging from 0.08 mm to 0.30 mm, and a tensile strength greater than 2000 MPa. The steel fibre is provided with anchorages (12, 24) the dimension of which in a direction perpendicular to the longitudinal axis of the steel fibre is maximum 50 % of the thickness. These anchorages provide an effective staying in the high-performance concrete without influencing the mixability of the steel fibres in a negative way. <IMAGE>

IPC 1-7
E04C 5/01

IPC 8 full level
E04C 5/01 (2006.01)

CPC (source: EP)
E04C 5/012 (2013.01)

Citation (search report)
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