

Title (en)
REINFORCEMENT ELEMENT

Title (de)
BEWEHRUNGSELEMENT

Title (fr)
ÉLÉMENT D'ARMATURE

Publication
[EP 3533946 B1 20230222 \(EN\)](#)

Application
[EP 19159904 A 20190228](#)

Priority

- BE 201805121 A 20180301
- BE 201805732 A 20181023

Abstract (en)
[origin: EP3533946A1] This invention provides, inter alia, reinforcement elements and reinforcing structures for limiting shear stresses and/or preventing punching failure. Furthermore, this invention provides related concrete floors and buildings which have a high resistance to punching failure. It also provides related methods as well as the use of said reinforcement elements and reinforcing structures for limiting shear stresses and/or preventing punching failure in concrete floors and buildings.

IPC 8 full level
[E04C 5/06](#) (2006.01); [E04C 5/16](#) (2006.01); [E04B 1/16](#) (2006.01); [E04B 5/16](#) (2006.01); [E04B 5/43](#) (2006.01)

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[E04C 5/0645](#) (2013.01); [E04C 5/163](#) (2013.01); [E04B 1/165](#) (2013.01); [E04B 5/16](#) (2013.01); [E04B 5/43](#) (2013.01)

Citation (examination)
GB 2300436 A 19961106 - UNIV SHEFFIELD [GB]

Designated contracting state (EPC)
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[EP 3533946 A1 20190904](#); [EP 3533946 B1 20230222](#); BE 1025767 B1 20190703; BE 1026060 A1 20190925; BE 1026060 B1 20191001

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