

Title (en)

Process and element for introducing shear forces in a reinforced concrete element and reinforced concrete element

Title (de)

Verfahren und Element zur Einleitung von Scherkräften in einen Betonkörper, Betonkörper

Title (fr)

Procédé et élément pour introduire des forces de cisaillement dans un élément en béton et élément en béton

Publication

**EP 0943744 B1 20040128 (DE)**

Application

**EP 98810242 A 19980320**

Priority

EP 98810242 A 19980320

Abstract (en)

[origin: EP0943744A1] The shearing force stirrup (43b) transmits shearing force to the concrete. The stirrup is a loop component, the sections of which fixed to the shearing force bar are connected by an arc section. The loop component under the forces occurring during load is so flexible that it accommodates only tractive forces. It has a symmetrical arc section e.g. a somewhat circular, elliptical or parabolic arc section.

IPC 1-7

**E04C 5/02**; **E04B 1/04**

IPC 8 full level

**E04B 1/04** (2006.01); **E04C 5/02** (2006.01); **E04C 5/06** (2006.01)

CPC (source: EP)

**E04B 1/043** (2013.01); **E04C 5/02** (2013.01); **E04C 5/0645** (2013.01)

Cited by

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