

Title (en)

Spacer wheel for steel cages.

Title (de)

Radförmiger Abstandshalter für Bewehrungskörbe.

Title (fr)

Roue d'espacement pour cages d'armature.

Publication

EP 0330519 A1 19890830 (EN)

Application

EP 89301906 A 19890227

Priority

GB 8804414 A 19880225

Abstract (en)

A spacer wheel is disclosed for mounting on a bar of a concrete reinforcement cage, comprising a main body (30) which defines a rim (20) interrupted by a gap (26) through which, in operation, the cage bar can be passed, an aperture (24) in the main body (30) which communicates with the gap (26) in the rim (20), and bearing means (24b) located within the aperture (24) of the main body (30) for receiving the cage bar. The main body (30) is an essentially solid, disc-like, member. The bearing means (24b) comprises an interrupted ring having a radially inner surface which, in operation, receives the cage bar and serves as a bearing therefor, and a radially outer surface connected to the wall of the aperture only at points (24d) spaced from the gap (24c) in the ring (24b), whereby the ring (24b) may be deformed to enlarge the gap (24c) therein without corresponding deformation of the wall (24a) of the aperture (24). Guiding means (27) extend between the gap in the ring (24b) and the wall (24a) of the aperture (24), which guiding means (27) serve during mounting of the spacer wheel on a cage bar to direct the bar towards the gap (24c) in the ring (24b) and to widen the gap (24c) in the ring (24b) to permit the cage bar to be introduced therein.

IPC 1-7

E04C 5/20

IPC 8 full level

E04C 5/20 (2006.01)

CPC (source: EP)

E04C 5/203 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE DE ES FR GB GR IT NL SE

DOCDB simple family (publication)

EP 0330519 A1 19890830; GB 2215355 A 19890920; GB 8804414 D0 19880323

DOCDB simple family (application)

EP 89301906 A 19890227; GB 8804414 A 19880225