

Title (en)
REINFORCING ELEMENT COMPOSED OF STEEL GRIDS

Publication
EP 0122316 B1 19890419 (DE)

Application
EP 83106868 A 19830713

Priority
DE 3313793 A 19830415

Abstract (en)
[origin: US4667452A] A reinforcing unit for aerated concrete components. At least two spaced apart welded reinforcing mats are made up of longitudinally extending main bars and transversely extending crossbars, the crossbars being welded at their intersections with the main bars. The two mats are spaced apart from each other by connector bars which are bent into a C-shape from weldable steel bars, each connector bar having a pair of opposed legs and a spacer portion connecting those legs. The connector bars have openings to allow the passage of lifting rods. A device for forming the connector bars includes a straightening device, a device for adding small flags with holes therethrough, a bending device and a cutting device for cutting the bent connector bars and then a welding device for welding the connector bars to the mats.

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E04C 5/06

IPC 8 full level
B21F 27/20 (2006.01); **E04C 5/06** (2006.01)

CPC (source: EP US)
B21F 27/20 (2013.01 - EP US); **E04C 5/06** (2013.01 - EP US)

Cited by
EA038555B1; AU2018228650B2; WO8702087A1; WO2018158211A1

Designated contracting state (EPC)
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EP 0122316 A2 19841024; **EP 0122316 A3 19851227**; **EP 0122316 B1 19890419**; AT E42365 T1 19890515; DE 3313793 A1 19841018; US 4667452 A 19870526

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