

Title (en)
CONNECTING DEVICE

Title (de)
VERBINDUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE RACCORDEMENT

Publication
EP 3997285 B1 20230726 (DE)

Application
EP 21711527 A 20210309

Priority
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Abstract (en)
[origin: WO2021180712A1] The invention relates to a connecting device (1) for the preferably transverse-force-locking connection of concrete components, in particular precast concrete parts, comprising: an elongate retaining box (10) for inserting into an end of a component, which retaining box has a bottom (12) and at least two side walls (14, 16) extending in a longitudinal direction of the bottom; at least one flexible reinforcement loop element (2), which can be accommodated in the retaining box (10) and can be deflected out of the retaining box, the bottom (12) defining at least one through-opening (20) having an edge (22), through which through-opening the reinforcement loop element (2) extends, characterized in that the reinforcement loop element (2) contacts at least two contact points (22a, 22b) of the edge, at least one first contact point (22a) having a greater distance from a plane of extension of the bottom (12) than at least one second contact point (22b).

IPC 8 full level
E04G 21/12 (2006.01)

CPC (source: EP)
E04G 21/126 (2013.01)

Citation (examination)
• EP 0819203 B2 20011024 - BETOMAX KUNSTSTOFF METALL [DE]
• EP 2382363 B1 20181226 - PHILIPP GMBH [DE]
• EP 2773824 B1 20181205 - INVENTIO AG [CH]

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