

Title (en)  
CONNECTING DEVICE

Title (de)  
VERBINDUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF D'ASSEMBLAGE

Publication  
**EP 1902186 A1 20080326 (DE)**

Application  
**EP 06828788 A 20060627**

Priority  
• EP 2006006209 W 20060627  
• DE 202005010080 U 20050627

Abstract (en)  
[origin: US2009199493A1] A connecting device (1) for the shear-force connection of concrete components (20), in particular prefabricated concrete components, comprises: an elongate protective box (2) for fitting in an end face (20') of the components (20), which comprises a bottom (5) and at least two side walls (6) extending in a longitudinal direction of the bottom; at least one flexible reinforcing loop element (3) which can be accommodated in the protective box (2) and can be moved out of the latter; characterized in that the bottom (5) has a bottom profiling with groups of bottom projections (7) and bottom depressions (7') alternating in the longitudinal direction, wherein each group has at least one bottom projection (7) or at least one bottom depression (7').

IPC 8 full level  
**E04G 21/12** (2006.01)

CPC (source: EP US)  
**E04G 21/125** (2013.01 - EP US); **E04G 21/126** (2013.01 - EP US)

Citation (search report)  
See references of WO 2007031128A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**US 2009199493 A1 20090813**; AT E410573 T1 20081015; CA 2613181 A1 20070322; CA 2613181 C 20140114; CN 101208489 A 20080625; DE 202005010080 U1 20061109; DE 502006001786 D1 20081120; DK 1902186 T3 20090126; EP 1902186 A1 20080326; EP 1902186 B1 20081008; ES 2313685 T3 20090301; PL 1902186 T3 20090331; WO 2007031128 A1 20070322

DOCDB simple family (application)  
**US 92280706 A 20060627**; AT 06828788 T 20060627; CA 2613181 A 20060627; CN 200680023323 A 20060627; DE 202005010080 U 20050627; DE 502006001786 T 20060627; DK 06828788 T 20060627; EP 06828788 A 20060627; EP 2006006209 W 20060627; ES 06828788 T 20060627; PL 06828788 T 20060627