

Title (en)  
CONNECTING ELEMENT FOR SHEET PILES

Title (de)  
SPUNDBOHLLEN-VERBINDUNGSELEMENT

Title (fr)  
ELEMENT DE CONNEXION DE PALPLANCHES

Publication  
**EP 1825068 B1 20100310 (DE)**

Application  
**EP 05850227 A 20051202**

Priority  
• EP 2005012885 W 20051202  
• DE 202004018659 U 20041202

Abstract (en)  
[origin: WO2006058761A1] The invention relates to a connecting element for sheet piles, comprising a central strip (14) and two hook-type strips (16, 18) which extend therefrom and jointly form a claw-type strip (12) that has a C-shaped cross-section. The ends of the hook-type strips (16, 18) point towards each other and delimit a mouth (20) with the open ends thereof while the extended center lines (26, 28) of the ends of the hook-type strips (16, 18) intersect outside the open mouth (20). The inventive connecting element further comprises at least one connecting strip (30) which protrudes from the claw-type strip (12) and is provided with a straight neck-type strip (32) and a head-type strip (34) that has an oval cross-section. The main axis (38) of the head-type strip (34) that has an oval cross-section runs perpendicular to the longitudinal axis of the neck-type strip (32).

IPC 8 full level  
**E02D 5/08** (2006.01)

CPC (source: EP US)  
**E02D 5/08** (2013.01 - EP US)

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)  
**WO 2006058761 A1 20060608**; AT E460537 T1 20100315; BR PI0518083 A 20081028; CA 2588945 A1 20060608; CN 101111645 A 20080123; CN 101111645 B 20130130; DE 202004018659 U1 20050310; DE 502005009209 D1 20100422; EA 012510 B1 20091030; EA 200701188 A1 20071228; EP 1825068 A1 20070829; EP 1825068 B1 20100310; US 2007003379 A1 20070104; US 7390145 B2 20080624

DOCDB simple family (application)  
**EP 2005012885 W 20051202**; AT 05850227 T 20051202; BR PI0518083 A 20051202; CA 2588945 A 20051202; CN 200580047307 A 20051202; DE 202004018659 U 20041202; DE 502005009209 T 20051202; EA 200701188 A 20051202; EP 05850227 A 20051202; US 29288605 A 20051202