

Title (en)  
SUPPORTING INSERT FOR USE IN APPARATUS FOR STIFFENING THE SIDES OF TRENCHES

Publication  
**EP 0027576 B1 19830216 (DE)**

Application  
**EP 80105929 A 19801001**

Priority  
DE 2941002 A 19791010

Abstract (en)  
[origin: EP0027576A1] 1. Supporting means for sheeting walls, sheet piles or the like as an insert in apparatus for stiffening the sides of trenches, comprising pairs of sheeting plates (1) kept in spaced relation by struts (11, 12) which are transversally arranged with respect to the longitudinal axis of a trench, characterized in that said supporting means comprises a horizontal connection beam (12) with end portions (11) which each of which carries a bracket (9) pivotable about a vertical pivot pin (10), the end portion of said bracket being averted from said pivot pin (10), being formed as a clamping shoe (5) which is integrally connected to said bracket (9), that said clamping shoe (5) consists of a C-profile the longitudinal axis of which being parallel with respect to said pivot pin (10), the groove opening of said C-profile being averted from said pivot pin (10) and that in the bight (7) of said clamping shoe (5) at least one clamping bolt (8, 18) is disposed which is vertically disposed with respect to the longitudinal axis of said clamping shoe (5) and carries a clamping jaw (6 or 16, respectively).

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**E02D 17/08**

IPC 8 full level  
**E02D 17/08** (2006.01)

CPC (source: EP)  
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**EP 0027576 A1 19810429; EP 0027576 B1 19830216**; AR 223537 A1 19810831; AT E2556 T1 19830315; AU 532997 B2 19831027; AU 5752080 A 19810416; BR 8003033 A 19800930; CA 1125258 A 19820608; CS 216932 B2 19821231; DE 2941002 B1 19810326; DE 2941002 C2 19811217; DK 148945 B 19851125; DK 151280 A 19810411; ES 253736 U 19810301; ES 253736 Y 19810916; FI 801217 A 19810411; GR 70315 B 19820909; HU 181195 B 19830628; IL 59743 A0 19800630; IL 59743 A 19820930; IN 151781 B 19830730; JP S5659924 A 19810523; JP S5848692 B2 19831029; MX 150706 A 19840702; NO 802551 L 19810413; OA 06619 A 19801231; PL 122709 B1 19820831; PL 224030 A1 19810410; PT 71869 A 19801101; PT 71869 B 19811015; YU 129280 A 19830630; YU 39877 B 19850430; ZA 802041 B 19810429

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**EP 80105929 A 19801001**; AR 28170680 A 19800710; AT 80105929 T 19801001; AU 5752080 A 19800416; BR 8003033 A 19800516; CA 349489 A 19800409; CS 452280 A 19800625; DE 2941002 A 19791010; DK 151280 A 19800409; ES 253736 U 19801009; FI 801217 A 19800416; GR 800163057 A 19801006; HU 246380 A 19801009; IL 5974380 A 19800331; IN 362CA1980 A 19800328; JP 14070680 A 19801009; MX 18248380 A 19800523; NO 802551 A 19800829; OA 57212 A 19800917; PL 22403080 A 19800505; PT 7186980 A 19801003; YU 129280 A 19800515; ZA 802041 A 19800408