

Title (en)
TRENCH-SHORING DEVICE

Publication
EP 0167114 B1 19881012 (DE)

Application
EP 85107977 A 19850627

Priority
DE 3423853 A 19840628

Abstract (en)
[origin: ES288077U] A cribbing device for trenches which includes a pair of opposing supports spaced apart by a spreader, each support having a plurality of guide profiles and a crosspiece. The crosspiece is disposed transversely to the longitudinal axis of the trench, and the guide profiles are arranged adjacent each other on said crosspiece. The guide profiles include a plurality of legs disposed vertically and extending outward from the crosspiece, and a plurality of flanges disposed vertically and secured to the legs at the ends of the legs opposite the crosspiece. The flanges project beyond both sides of the legs. A plurality of cribbing boards each having a guide bar which supports a guide head is provided. The guide head is in the form of a slotted hollow box section and extends vertically beyond the board at its vertical face side. The width of each guide profile flange is slightly smaller than the inside width of the guide heads. The slot of the guide heads corresponds to the legs of the guide profiles, and the inside spacings between the legs of the adjacent guide profiles is slightly larger than the total width of the guide heads. The boards may, therefore, be guided and supported by the supports by engaging the guide heads of the boards with the guide profiles of the supports thereby permitting the boards to be passed by each other on parallel planes and to be supported by the supports in a form-locked manner.

IPC 1-7
E02D 17/08

IPC 8 full level
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CPC (source: EP KR US)
E02D 17/00 (2013.01 - KR); **E02D 17/08** (2013.01 - EP US)

Citation (examination)

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EP 85107977 A 19850627; AT 85107977 T 19850627; AU 4429285 A 19850628; BG 7085085 A 19850626; BR 8503267 A 19850628; CA 485206 A 19850625; DE 3423853 A 19840628; DK 290385 A 19850627; EG 37785 A 19850626; ES 288077 U 19850627; FI 852499 A 19850625; GR 850101566 A 19850626; HU 252085 A 19850627; IE 162185 A 19850627; IL 7565285 A 19850627; IN 476CA1985 A 19850625; JP 13807685 A 19850626; KR 850004608 A 19850627; MA 20695 A 19850627; NO 852525 A 19850624; OA 58621 A 19850625; PL 25420885 A 19850627; PT 8072585 A 19850627; SU 3913609 A 19850627; US 74957285 A 19850627; ZA 854850 A 19850627