

Title (en)
IMPROVED STEEL SOLDIER

Publication
EP 0227314 A3 19880302 (EN)

Application
EP 86309200 A 19861125

Priority
GB 8531751 A 19851224

Abstract (en)
[origin: EP0227314A2] A steel soldier for supporting concrete formwork comprises a pair of elongated steel elements connected back to back and parallel with one another by tie plates (3) at their ends and, if necessary, by diaphragms intermediate their ends. Each channel has a web (1) which, in order to increase its strength, is formed at longitudinally spaced intervals with flanged openings (1a). These openings characteristically according to the invention have peripheral flanges (1c) which are of channel-shaped radial profile, thereby increasing the shear carrying capacity and reducing the risk of cracking of the soldier under load.

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E04G 25/02

IPC 8 full level
E04G 11/48 (2006.01); **E04G 25/02** (2006.01)

CPC (source: EP)
E04G 11/48 (2013.01); **E04G 25/02** (2013.01)

Citation (search report)
• [AD] GB 2145145 A 19850320 - MABEY HIRE CO
• [AD] GB 1551154 A 19790822 - BEACHLEY MACHINERY
• [A] AU 477444 B2 19741003
• [A] GB 1603516 A 19811125 - RAYID METAL DEV LTD
• [A] DE 2046459 A1 19720413

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EP0468108A1

Designated contracting state (EPC)
BE FR GB IT LU NL

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EP 0227314 A2 19870701; EP 0227314 A3 19880302; EP 0227314 B1 19900516; CA 1290955 C 19911022; GB 2184478 A 19870624; GB 2184478 B 19881214; GB 8531751 D0 19860205

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