

Title (en)
Temporary guard rail

Title (de)
Provisorisches Schutzgeländer

Title (fr)
Glissière de sécurité provisoire

Publication
EP 1262612 A2 20021204 (EN)

Application
EP 02253881 A 20020531

Priority
GB 0113204 A 20010531

Abstract (en)

When assembling scaffolding, operatives stand at ground level or on a previously assembled deck, to fit the transoms, ledgers and deck of the next level, in order to fit a guard rail for the next level, they have to stand on the deck at that level and, without a guard rail, they are required by Health and Safety procedures to wear a safety harness and to clip it to the scaffolding. The harness is uncomfortable to wear; It is expensive to buy one for each operative, especially since they require periodic replacement; and the procedure is time consuming and unpopular. A temporary guard rail is disclosed, comprising a frame having an upper rail member supported by stanchions. The frame has clips by which it can be attached to a permanent guard rail at one level and to the ledger of the next level up from said one level, to locate said rail member above the deck of the next level up to act as a guard rail. Once the transoms, ledgers and deck have been fitted for the next level up, the temporary guard rail can be fitted from the present level and before the operative ascends to the next level up, so that when s/he does ascend, the guard rail is already there and there is no need to use a safety harness. At the next level up, the permanent guard rail can be fitted, the temporary guard rail can be demounted and used for the (new) next level up. Once assembly is complete, the temporary guard rails can be used on the next job; they may be made robustly so as to outlast safety harnesses and they are needed in numbers to suit the scaffolding being erected, not one per scaffolder.

IPC 1-7
E04G 5/06

IPC 8 full level
E04G 5/14 (2006.01)

CPC (source: EP)
E04G 5/14 (2013.01); **E04G 5/147** (2013.01)

Cited by
AU2010100013B4; GB2577863A; GB2565057A; GB2565057B; FR3006354A1; FR2887907A1; AU2010224325B2; FR2923239A1; EP2527563A3; AU2012200673B2; DE102009007918A1; EP2216465A3

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