

Title (en)
DISMOUNTABLE FACADE SCAFFOLD

Title (de)
ZERLEGBARES FASSADENGERÜST

Title (fr)
ECHAFAUDAGE DE FACADE DEMONTABLE

Publication
EP 0918912 B1 20000510 (DE)

Application
EP 97938864 A 19970801

Priority
• DE 19633092 A 19960816
• EP 9704211 W 19970801

Abstract (en)
[origin: US6554102B2] A dismantlable, multi-story facade scaffold is formed of at least four vertical support elements and floor plates and railing elements which are mounted thereto. An additional scaffold story is erected by coupling an additional vertical support element to an already existing one and pivotally attaching one end of a railing element thereto at a location above where the floor plate for the next story will be placed. The other end of that railing element is pivotally attached to another vertical support element. This other vertical support element is then raised, thereby pivotally moving the rail element relative to the respective vertical support element until the rail element is in a horizontal position and the vertical support element is in the vertical position. The other vertical support element is now attached to the upper end of a corresponding vertical support of the lower scaffold story. Thereafter the floor plate for the additional scaffold story is installed so that a worker stepping on the floor plate of the higher story is protected from the very beginning against falling off. The connections between the ends of the railing and the respective vertical support elements are disengageable when they are in relatively inclined positions and become locked when the railing is perpendicular to the support elements. The scaffold is dismantled by reversing this procedure.

IPC 1-7
E04G 1/26

IPC 8 full level
E04G 1/14 (2006.01); **E04G 5/00** (2006.01); **E04G 5/14** (2006.01)

CPC (source: EP KR US)
E04G 1/14 (2013.01 - KR); **E04G 5/14** (2013.01 - EP US); **E04G 5/147** (2013.01 - EP US)

Citation (examination)
• CH 658878 A5 19861215 - RIEDER S A
• EP 0276487 A2 19880803 - LANGER RUTH GEB LAYHER [DE]

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