

Title (en)
SCAFFOLDING WITH CONTINUOUSLY RAISABLE PLATFORM

Publication
EP 0219883 B1 19890927 (DE)

Application
EP 86114806 A 19861024

Priority
DE 3538057 A 19851025

Abstract (en)
[origin: EP0219883A2] 1. Erecting scaffolding including an infinitely variable lifting platform (3) which is adapted for height adjustment by means of hoisting cables in longitudinal direction on a frame, especially an undercarriage (1) composed of upright supports (2), wherein stabilizing cables for stabilizing the lifting platform (3) are disposed between lifting platform (3) and undercarriage (1) at an inclination relative to each other and to the plane of the undercarriage (1), said stabilizing cables adapted to be reeled and unreeled by means of cable reeling means mounted at the lifting platform (3), characterised in that the hoisting and stabilizing cables are respectively combined to form a joint cable (7 and 12, respectively) and can be reeled and unreeled in synchronism by means of a common cable drum (10) which forms part of the cable reeling means, said cables being furthermore trained, while respectively starting from the cable drum (10), over a first deflection pulley (14) mounted on the lifting platform (3), a second deflection pulley (16) mounted on the top end of the associated support (2), thence over at least one further or third deflection pulley (18) mounted on the lifting platform (3) and back over a fourth deflection pulley (20) also mounted in the upper portion of the allocated support (2) and thence finally over a fifth deflection pulley (22) disposed in the bottom portion of the support (2) or on the undercarriage (1) and back to the lifting platform (3) where the cables are fixed, so that all of the cable sections extending from the fifth deflection pulley (22) to the lifting platform (3) extend as body diagonals between lifting platform (3) and undercarriage (1).

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E04G 1/20; E04G 1/34

IPC 8 full level
E04G 1/20 (2006.01); **E04G 1/34** (2006.01)

CPC (source: EP)
E04G 1/20 (2013.01); **E04G 1/34** (2013.01)

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