

Title (en)
Lifting scaffold platform

Title (de)
Hubgerüst

Title (fr)
Echafaudage à plate-forme mobile

Publication
EP 0670399 B1 19970730 (DE)

Application
EP 95102391 A 19950221

Priority
DE 4406987 A 19940303

Abstract (en)
[origin: US5992565A] A lifting scaffold assembly with several scaffolding poles which stand on a base and which are extendable in length and, between which mobile platforms are situated such that they can be adjusted in height, whereby the scaffolding poles are attached to a building by means of holding supports each scaffolding pole includes at least a girder section housing which at least a gear rack on an inside and a gear rack on an outside thereof. On the mobile platforms cogwheels and drives for the cogwheels running on the outer gear racks are provided. A sliding module or carriage includes cogwheels and drives for the cogwheels running on the inner gear connected to the girder section. Conduction rails are included on the scaffolding pole, and current collectors are positioned on the connectable mobile platforms and the sliding modules.

IPC 1-7
E04G 1/20; **B66F 11/04**; **B66F 9/20**

IPC 8 full level
E04G 3/28 (2006.01); **B66B 9/16** (2006.01); **B66B 9/187** (2006.01); **B66C 23/28** (2006.01); **B66F 9/20** (2006.01); **B66F 11/04** (2006.01); **E04G 1/20** (2006.01)

CPC (source: EP KR US)
B66B 9/00 (2013.01 - KR); **B66B 9/16** (2013.01 - EP US); **B66B 9/187** (2013.01 - EP US); **B66C 23/283** (2013.01 - EP US); **B66F 11/04** (2013.01 - EP US); **E04G 1/20** (2013.01 - EP US)

Citation (examination)
AT 237875 B 19650111 - PIERI GIUSEPPE [IT]

Cited by
CN109704248A; CN103375023A; DE102017109839A1; US11821223B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
US 5992565 A 19991130; AT E156226 T1 19970815; CA 2143813 A1 19950904; DE 4406987 C1 19950706; DE 59500425 D1 19970904; EP 0670399 A1 19950906; EP 0670399 B1 19970730; ES 2107869 T3 19971201; JP H07259322 A 19951009; KR 950031861 A 19951220

DOCDB simple family (application)
US 92748097 A 19970911; AT 95102391 T 19950221; CA 2143813 A 19950302; DE 4406987 A 19940303; DE 59500425 T 19950221; EP 95102391 A 19950221; ES 95102391 T 19950221; JP 4066495 A 19950228; KR 19950003902 A 19950227