

Title (en)
Stiffened modular scaffold system

Title (de)
Versteiftes modulares Gerüstsystem

Title (fr)
Système d'échafaudage modulaire rigidifié

Publication
EP 1662070 A1 20060531 (EN)

Application
EP 04078244 A 20041129

Priority
EP 04078244 A 20041129

Abstract (en)
Scaffold system (1) consisting of, amongst other things, system posts (21,42), longitudinal and cross girder elements (10,11), floor elements (3,3 1), adjustable brackets (22) for the mason, especially suitable for stoke height H, being floor heights for residential and office buildings, of approximately 3000mm, in which the posts (21) must be strengthened or stiffened near the outer walls, especially due to the creation of scaffold buffers and higher loads due to storage of building bricks and mortar barrels, with a stiffening construction in the shape of ladder-shaped frames (2,31) or only by an extra post tube (25), which are coupled with a standard post (21,42) or replace this (31), through which, together with a special connection of the floor elements (3,3 1) with hook-shaped ends (4,5) the vertical and to a lesser degree horizontal stiffness or strength of the modular scaffold system (1) is enlarged.

IPC 8 full level
E04G 5/00 (2006.01); **E04G 5/10** (2006.01)

CPC (source: EP)
E04G 1/154 (2013.01); **E04G 5/00** (2013.01); **E04G 5/10** (2013.01)

Citation (applicant)
EP 04077246 A 20040806

Citation (search report)
• [X] WO 9621784 A1 19960718 - KRAUSE WERK GMBH & CO KG [DE], et al
• [A] CH 370560 A 19630715 - LACKNER JOSEF [AT], et al
• [X] CH 439679 A 19670715 - HUWYLER RUDOLF [CH], et al
• [X] EP 1045088 A1 20001018 - LAYHER W VERMOGENSVERW GMBH [DE]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR

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