

Title (en)
STAIRWAY OF WOOD MOUNTED OF PREFABRICATED PARTS

Publication
EP 0146677 A3 19861230 (DE)

Application
EP 84108093 A 19840711

Priority
DE 3345013 A 19831213

Abstract (en)
[origin: EP0146677A2] Stairways of wood without risers have the disadvantage of easy excitability of self-induced vibrations, which lead to a feeling of insecurity in the stairway user and to the annoying development of noise. The aim is to minimise these vibrations and to permit rapid mounting on site. According to the invention, provision is made for at least the stairs (2) provided between the first and last stair to be equipped with a plurality ... of a bolt and a sleeve (13) receiving the latter and of a resilient bushing (14) encompassing the sleeve, in each case the bolts (12) and the sleeves (13) being arranged over part of their length in a parallel position with respect to the stair plane, and the resilient bushing (14) being arranged at an angle of low inclination with respect to the vertical of the wall. On the banister side, supporting elements, in each case separating two stairs, in the form of tubular wooden supporting blocks are provided in separating-bolt constructions (6), the distance between which is set so that after securing the inner periphery of the upwardly inclined bushings, said bushings assume a position in the horizontal. <IMAGE>

IPC 1-7
E04F 11/10

IPC 8 full level
E04F 11/022 (2006.01); **E04F 11/035** (2006.01); **E04B 1/82** (2006.01)

CPC (source: EP)
E04F 11/025 (2013.01); **E04F 11/035** (2013.01); **E04F 11/038** (2013.01); **E04F 11/108** (2013.01); **E04B 2001/8254** (2013.01)

Citation (search report)
• [A] DE 3024174 A1 19820121 - WILFRIED KNAUTH FA [DE]
• [A] DE 1959303 U 19670427 - SEIFERT ERHARD [DE]
• [A] DE 3120735 A1 19821209 - SPRENG & CO [DE]
• [A] DE 2658551 A1 19780629 - NEUCON MASCH BAUSYSTEM
• [A] BAU-U. M\BELSCHREINER, August 76, Seiten 42, 43, Leinfelden-Echterdingen; "Holztreppen im Baukastensystem"

Cited by
EP1103671A3; EP0864709A3

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