

Title (en)  
ADJUSTABLE SUPPORT FOR STEPS

Title (de)  
VERSTELLBARE STÜTZE FÜR STUFEN

Title (fr)  
SUPPORT REGLABLE POUR MARCHES D'ESCALIER

Publication  
**EP 1540110 A1 20050615 (EN)**

Application  
**EP 03743772 A 20030307**

Priority  
• CA 0300304 W 20030307  
• US 9454502 A 20020308

Abstract (en)  
[origin: WO03076738A1] A support for steps, having the shape of a triangular corner plate to be installed one after the other along a stringer. The sides of this support are reinforced, horizontally and vertically by a 90 degree fold, to fix the steps and risers. The ends are wider and possess a number of fixing holes to provide more stability when fixed against a stringer. The horizontal side is ended by a projecting horizontal rule. The wide part of the vertical side is flanked by vertical graduations. The horizontal rule is set against a stringer at a desired step run and the vertical graduations are set against the stringer at a desired step rise. The horizontal rule is at least the thickness of the plate away from the stringer and it overlaps the vertical graduations of the preceding support, thereby preventing warping of the plate when overlapping.

IPC 1-7  
**E04F 11/00**; **E04F 11/02**; **E04F 21/26**

IPC 8 full level  
**E04F 11/00** (2006.01); **E04F 11/025** (2006.01); **E04F 21/26** (2006.01)

CPC (source: EP)  
**E04F 11/00** (2013.01); **E04F 11/025** (2013.01); **E04F 21/26** (2013.01)

Citation (search report)  
See references of WO 03076738A1

Citation (examination)  
CA 2339527 A1 20010604 - GOBEIL ERIC [CA]

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

DOCDB simple family (publication)  
**WO 03076738 A1 20030918**; AU 2003209874 A1 20030922; CA 2455151 A1 20030918; EP 1540110 A1 20050615

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**CA 0300304 W 20030307**; AU 2003209874 A 20030307; CA 2455151 A 20030307; EP 03743772 A 20030307