

Title (en)
AN IMPROVED STEP FOR TREADABLE GRATING

Title (de)
VERBESSERTE STUFE FÜR TRITTFESTES GITTER

Title (fr)
ÉTAPE AMÉLIORÉE POUR GRILLE NÉGOCIABLE

Publication
EP 3106584 A1 20161221 (EN)

Application
EP 16174241 A 20160613

Priority
IT UB20151524 A 20150619

Abstract (en)
An improved step for treadable-grating staircases, of the type comprising a grating stair tread (1) having a length suitable for the width of the staircase, as well as at least two end plates (5) for attachment of the step to the outer stringers of the staircase, welded on which are the bars of the grating. To obtain a functional and structural co-operation between said stair tread (1) and reinforcement elements that are provided underneath the treading surface of the step itself, in the bottom part of the stair tread (1) an obscuring panel with inclined bars (2') is integrated to implement an anti-vertigo function, which inclined bars (2') are rendered fixed to the end plates (5), as well as structurally participating by means of one or more bands (3) made of sheet metal arranged orthogonal thereto and to the treading surface.

IPC 8 full level
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CPC (source: EP)
E04C 2/423 (2013.01); **E04F 11/112** (2013.01); **E04F 2011/1046** (2013.01)

Citation (search report)
• [I] EP 2698483 A1 20140219 - ITALIANA KELLER GRIGIATI SOC COOP A R L [IT]
• [I] ES 2317740 A1 20090416 - ORSOGRIL S P A [IT]
• [A] DE 2732593 A1 19790201 - BAECKER JOSEF FA
• [A] DE 10033530 A1 20020131 - HEIFA KAMIN UND KORROSIONSSCHU [DE]
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