

Title (en)
A folding attic stair assembly

Title (de)
Faltbare Dachbodenleiteranordnung

Title (fr)
Ensemble d'escalier de comble pliable

Publication
EP 2108761 A3 20120801 (EN)

Application
EP 09157786 A 20090409

Priority
• IE S20080269 A 20080409
• IE S20080270 A 20080409

Abstract (en)
[origin: EP2108761A2] A folding attic stair assembly (1) comprises a rectangular outer mounting frame (2). An inner stairway carrying frame (3) is mounted by a hinge (4) at one end of the outer mounting frame (2) for movement between a raised stored position on the outer mounting frame (2) and a lowered position extending downwardly from the mounting frame (2). An expendable attic stair (5) is mounted on the inner frame (3). A pair of folding support arms (6) extend between the outer mounting frame (2) and the inner stairway carrying frame (3). A cable (8) connects between each folding support arm (6) and an associated reel (9) mounted on a drive shaft (10) which is connected to a drive motor (11). This drive motor (11) is operable to wind and unwind the cables (8) on the reels (9) to raise and lower the attic stair (5) in a controlled manner.

IPC 8 full level
E04F 11/06 (2006.01)

CPC (source: EP US)
E04F 11/064 (2013.01 - EP US)

Citation (search report)
• [XYI] IE 20060399 A1 20070124 - BURKE MICHAEL [IE]
• [X] US 2007181364 A1 20070809 - LAIR JEAN-PIERRE [US]
• [Y] US 2002112409 A1 20020822 - KNOWLES STACEY GLENN [US]

Cited by
US8590229B2; US2021388669A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

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EP 2108761 A2 20091014; EP 2108761 A3 20120801; IE 20090285 A1 20091014; IE 86487 B1 20141231; US 2009255757 A1 20091015

DOCDB simple family (application)
EP 09157786 A 20090409; IE 20090285 A 20090409; US 42118909 A 20090409