

Title (en)
Lifting system

Title (de)
Hebevorrichtung

Title (fr)
Système élévateur

Publication
EP 1600416 A1 20051130 (EN)

Application
EP 05076211 A 20050524

Priority
DK BA200400159 U 20040524

Abstract (en)
The lifting system comprises a first (2) and second type (3) of steps being provided displaceable in relation to each other, an upper section of at least one baluster (5) being attached to a banister (7), extending from a proximate end (6A) to a distant end (6B) of the stairway, wherein the at least one step of the first type (2) is fixed to at least one lifting means (4) for raising and lowering the at least one first (2) and second type of step (3), and the at least one step of the second type (3) is fixed to a lower end of at least one substantially vertically extending baluster (5). The system may e.g. be used for stable and safe lifting of a person using a wheelchair or in other ways being physically disabled together with functioning as an ordinary stairway, also usable for walking-enabled persons. <IMAGE>

IPC 1-7
B66B 9/08

IPC 8 full level
B66B 9/08 (2006.01)

CPC (source: EP)
B66B 9/0869 (2013.01)

Citation (search report)
• [XAY] US 5632357 A 19970527 - MATRE VIGBJORN [NO]
• [Y] WO 9902443 A1 19990121 - VERTICAL MOBILITY LLC [US]
• [A] US 4457402 A 19840703 - DEL VECCHIO JOSEPH A [US], et al

Cited by
CN105775960A; CN106677449A; CN113387258A; US2010176944A1; US8807283B2; WO2008128725A1; EP4227250A1; WO2023156331A1

Designated contracting state (EPC)
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