

Title (en)
SLIDE SHOWER

Title (de)
GLEITDUSCHE

Title (fr)
DOUCHE COULISSANTE

Publication
EP 3954836 A1 20220216 (EN)

Application
EP 21190671 A 20210810

Priority
CN 202010795850 A 20200810

Abstract (en)
The present disclosure discloses a slide shower, which comprises a fixed portion (10) and a lifting and lowering rod (20) slidably connected to the fixed portion (10), a water outflowing terminal (30) is disposed on the lifting and lowering rod (20); a gravity balancer (40) is disposed between the fixed portion (10) and the lifting and lowering rod (20), the gravity balancer (40) comprises an elastic body (41) and a first pull rope (42), the elastic body (41) is assembled to the fixed portion (10), the first pull rope (42) is configured to be pulled and is connected to the lifting and lowering rod (20), and a function generated by a pulling force applied to the first pull rope (42) and a function of an elastic force generated by the elastic body (41) are opposite. It balances the elastic force and the gravity to achieve stepless lifting and lowering and improves comfort for the lifting and lowering.

IPC 8 full level
E03C 1/06 (2006.01); **E03C 1/04** (2006.01)

CPC (source: CN EP)
A47K 3/281 (2013.01 - CN); **E03C 1/0408** (2013.01 - EP); **E03C 1/066** (2013.01 - EP)

Citation (search report)

- [A] US 3933329 A 19760120 - GRANGER MAURICE
- [A] CN 103912040 B 20150909
- [A] US 2019390448 A1 20191226 - WANG QING-PING [CN], et al

Designated contracting state (EPC)
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BA ME

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EP 3954836 A1 20220216; **EP 3954836 B1 20230510**; CN 114073429 A 20220222

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EP 21190671 A 20210810; CN 202010795850 A 20200810