

Title (en)
CURVED ESCALATOR

Title (de)
BOGENROLLTREPPE

Title (fr)
ESCALIER ROULANT EN COURBE

Publication
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Application
EP 93920763 A 19930918

Priority
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Abstract (en)
[origin: US5544729A] PCT No. PCT/EP93/02530 Sec. 371 Date Jan. 13, 1995 Sec. 102(e) Date Jan. 13, 1995 PCT Filed Sep. 18, 1993 PCT Pub. No. WO94/07787 PCT Pub. Date Apr. 14, 1994A curved escalator in which the occurrence of an unacceptably wide gap between the steps or between the steps and the sidewalls is avoided by virtue of the fact that all the step sections have different arcs when viewed in the plan view but have constant arcs in each of these zones. The arcs in these zones are selected or calculated such that, in every position in these zones, the rotational speed of the inner and outer drive chains is the same. The arc corresponding to the zone which links the stair landing with the central zone is such that the overall angle covered over this zone is the same for the inner and the outer drive chain. Within this region, small angular discrepancies can occur between the drive chains, the gaps of between 1 and 6 mm thus produced being compensated for by bending of the step skirts.

IPC 1-7
B66B 21/06

IPC 8 full level
B66B 21/06 (2006.01); **B66B 23/02** (2006.01)

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