



11) Publication number:

0 430 931 A3

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: 91400412.2

(51) Int. Cl.5: **E04H 3/12**

② Date of filing: 24.03.89

Priority: 30.03.88 JP 41063/88 31.03.88 JP 41830/88

Date of publication of application: 05.06.91 Bulletin 91/23

© Publication number of the earlier application in accordance with Art.76 EPC: **0 335 787**

Designated Contracting States:
DE FR GB NL

Bate of deferred publication of the search report: 18.03.92 Bulletin 92/12

(71) Applicant: OKAMURA CORPORATION

7-18 Kitasaiwai 2-chome Nishi-ku Yokohama-shi Kanagawa-ken(JP)

2 Inventor: Mitsumoto, Takayasu
1-26-5, Take
Yokosuka-shi, Kanagawa-ken(JP)
Inventor: Shimomura,Tsuneo
45-6, Nokendai-dori, Kanazawa-ku
Yokohama-shi, Kanagawa-ken(JP)
Inventor: Sato, Junnosuke
3-1-10, Tomioka-Nishi, Kanazawa-ku
Yokohama-shi, Kanagawa-ken(JP)

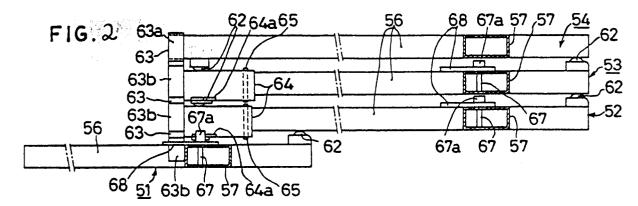
Representative: Serin, Jean-Pierre et al Cabinet PIERRE LOYER 77, rue Boissière F-75116 Paris(FR)

(54) A row floor-locking device for a telescoping seating system.

© A row floor-locking device for a telescoping seating system having a plurality of row floors both sides of which are movably supported through poles (57) on a supporting truck (56). A front stopper (63) is attached to the forward end portion of each of the supporting trucks (56) except the innermost supporting truck (56); a rotatable plate (64) is pivotally attached by its rear end to a portion of each supporting truck (56) except the innermost and outermost supporting truck (56); a shaft (67) is attached to each

of the supporting poles (57) except those set up at the outermost side, said shaft (67) being provided on an outwardly extending free end portion thereof with a pressing member (67a) extending over the neighboring supporting truck (56) so that when the supporting trucks (56) are moved over said rotating plates (64) disposed at the outer side of the supporting trucks (56), said pressing member (67a) acts to push down the rotating plates below the free end of the front stopper (63)







EUROPEAN SEARCH REPORT

EP 91 40 0412

DOCUMENTS CONSIDERED TO BE RELEVANT]
Category	Citation of document wit	th indication, where appropriate, vant passages	Re	elevant o claim	CLASSIFICATION OF THE APPLICATION (Int. CI.5)
Α	DE-A-3 013 530 (NIJHA B * page 6, line 22 - page 8, li 902 899 (NIJHA B.V.) *	.V.) ne 14 * * * figures 1-4 * & NL-A-7	1		E 04 H 3/12
A	US-A-3 157 916 (PUESTO * column 1, line 10 - line 20 4, line 44 * * * figures 1,2,7-1	* * * column 3, line 12 - column	1		
					TECHNICAL FIELDS SEARCHED (Int. C1.5) E 04 H
	The present search report has t				
	Place of search	Date of completion of search			Examiner
Y: A: O: P:	The Hague CATEGORY OF CITED DOCUMENT of CITED DOCUMENT of taken alone particularly relevant if combined wit document of the same catagory technological background non-written disclosure intermediate document theory or principle underlying the in	the hanother D: doc L: doc	filing d ument ument	ate cited in th cited for c	PORWOLL H.P. nent, but published on, or after ne application other reasons patent family, corresponding