

Title (en)

Improved file interlock system.

Title (de)

Sichern von Schubfächern gegen gleichzeitiges Herausziehen.

Title (fr)

Verrouillage de meubles à tiroirs empêchant l'extraction simultanée.

Publication

EP 0302979 A1 19890215 (EN)

Application

EP 87311395 A 19871223

Priority

US 8430787 A 19870811

Abstract (en)

An interlock system for an array of retractable storage elements, eg. a filing cabinet, prevents opening of more than one element at a time. The interlock system includes a channel (30) containing spheres (31) which leave only sufficient room in the channel for the entry of only one insert portion (45) on a slide (25) actuated by sliding of the storage element (15). The slide (25) is linked to the storage element (15) via a cam member (23) which can only release the storage element (15) for sliding if the insert portion (45) can enter the channel (30), thereby permitting the slide (25) to move. Since there is room in the channel (30) for only one insert portion (45) at a time, opening of more than one storage element at a time is prevented.

IPC 1-7

E05B 65/46

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

[X] NL 7604359 A 19771025 - STICHTING WERKVOORZIENING PART

Cited by

GB2380516B; WO2006079268A1; US7320507B2; WO03031753A1

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