

Title (en)

Safety device for a sectional closing element, such as a door, a main door, a gate or suchlike

Title (de)

Sicherheitsvorrichtung für ein sektionales Schliesselement, z.B. Tür, Haupttür, Tor oder dergleichen

Title (fr)

Dispositif de sécurité éléments sectionels de fermeture, comme portes, portes principales, vantaux ou similaires

Publication

EP 1413701 A2 20040428 (EN)

Application

EP 03103876 A 20031021

Priority

IT UD20020218 A 20021024

Abstract (en)

Safety device (10) for a sectional closing element (26) comprising a plurality of sections or panels (11) that cooperate longitudinally with each other. Each panel (11) includes slider elements (12) that slide along a sliding axis (X) in mating guides (13). The device (10) includes a pair of rolling members (14) that lie on the sliding axis (X) and are associated with respective frames (15, 16) pivoted together at a central pivoting point (P) normally offset with respect to the sliding axis (X). The frames (15, 16) can oscillate from a first position wherein the rolling members (14) are near each other, and a second position wherein the rolling members (14) are distant from each other. The passage from the first position to the second position is activated by the breaking of the drive elements (20). A stop element (22) associated with a frame (15, 16) acts against the guides (13) when the frames (15, 16) move towards the second position, in order to block the displacement of the closing element (26). An elastic member (24) is provided to take the frames (15, 16) into the second position. <IMAGE>

IPC 1-7

E05D 13/00

IPC 8 full level

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CPC (source: EP)

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