

Title (en)

Grate device which can be opened

Title (de)

Gittervorrichtung, die geöffnet werden kann

Title (fr)

Dispositif de grille qui peut être ouvert

Publication

EP 1961907 A2 20080827 (EN)

Application

EP 08101910 A 20080222

Priority

IT BO20070117 A 20070223

Abstract (en)

Grate device which may be opened comprising a set of vertical rods (2) hollow and parallel, associated to a casing (3) in a sliding manner between a closing condition, in which such vertical rod (2) are at the maximum mutual distance preventing the passage through the casing, and an opening condition, in which they are at the minimal mutual distance, and vice versa. Such device (1) further comprises a set of connecting rods (4) for the connection of the adjacent vertical rods. Each one of said connecting rods (4) having a first end (5) bound inside the longitudinal end central cavity (6) and through a respective first slot (7) of vertical rod (2) made in such vertical rod (2). The second end (8) of each connecting rod (4) is bound inside the cavity (6) of a vertical rod (2) adjacent to that one of the first end, through a respective second slot (9) of this latter vertical rod (2). At least the first end (5) of each connecting rod (4) is connected in a rotating manner, by means of a respective mobile pin (10), to a closing means (11) sliding within the longitudinal cavity (6) of the respective vertical rod (2) and fit, in the closed condition of the device (1), to close the correspondent first slot (7).

IPC 8 full level

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CPC (source: EP)

E06B 9/063 (2013.01); **E06B 9/0653** (2013.01)

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Designated extension state (EPC)

AL BA MK RS

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EP 1961907 A2 20080827; **EP 1961907 A3 20111102**; **EP 1961907 B1 20130501**; EP 2615238 A1 20130717; EP 2615238 B1 20140910; ES 2416704 T3 20130802; ES 2525576 T3 20141226; IT BO20070117 A1 20080824

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