

Title (en)
SEALING DEVICE FOR INTERLOCKINGLY MAINTAINING A COVER ON A GRATING IN A FRAME

Publication
EP 0319811 B1 19930120 (DE)

Application
EP 88119745 A 19881126

Priority
CH 477787 A 19871207

Abstract (en)
[origin: EP0319811A1] Mounted in the cover (2) is a locking device (10) which is composed of a closing member (11) with arms (12) and a mounting bar (14) with a mounting and actuating device (15). The mounting bar (14) and the mounting and actuating device (15) lie in a bore (5) and a widened bore part (6), a shoulder (7) being formed on which a bearing face (17) of the mounting and actuating device (15) is supported. The ends of the arms (12) project into a guide link (20) which is integrally formed in the inner flange (3) of the frame (1). The guide link (20) has a sloping flank (21) which increasingly elastically deforms the arms (12) in a bending fashion. In the closed position, the arms snap into a catch recess (22) at the end of the sloping flank (21). This results in interlocking with pretension. <IMAGE>

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E02D 29/14; **E05C 3/04**

IPC 8 full level
E02D 29/14 (2006.01); **E05C 3/04** (2006.01); **E05B 35/00** (2006.01); **E05B 65/00** (2006.01); **E05C 19/06** (2006.01)

CPC (source: EP US)
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Cited by
CN106436763A; CN108149768A; FR2711688A1; EP0674056A1; EP0761885A1; EP0601446A1; US5468096A; AU708471B2

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