

Title (en)

Lock structure and cover lock structure of terminal cap

Title (de)

Sperrstruktur und Abdeckungssperstruktur einer Klemmenabdeckung

Title (fr)

Structure de verrouillage et structure de verrouillage de couvercle d'un capuchon terminal

Publication

EP 2112715 B1 20140813 (EN)

Application

EP 09004611 A 20090330

Priority

JP 2008112095 A 20080423

Abstract (en)

[origin: EP2112715A2] At the time of cancellation of a lock retained state, in conjunction with the withdrawal of a lock arm 1, a thin-walled lock receiving portion 14 is pulled up by a lock portion 4, which causes the thin-walled lock receiving portion 14 to deflect toward the outer side and a pair of side walls 9 to deflect toward the inner side. At this time, free play #G disappears, and the lock portion 4 is movably supported in such that both side portions 9 are clamped by a pair of lock guide portions 15. Subsequently, when the lock portion 4 is removed from a retaining wall 13, the cancellation of the lock retained state is completed.

IPC 8 full level

H01R 13/506 (2006.01); **H01R 13/50** (2006.01)

CPC (source: EP)

H01R 13/501 (2013.01); **H01R 13/506** (2013.01)

Cited by

EP2573879A1; CN103022791A; US8721373B2

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