

Title (en)  
Lock detection connector

Title (de)  
Verbinder mit Verriegelungserkennung

Title (fr)  
Connecteur de détection de verrouillage

Publication  
**EP 0871253 A2 19981014 (EN)**

Application  
**EP 98110335 A 19941021**

Priority  
• EP 94116642 A 19941021  
• JP 34003393 A 19931206  
• JP 34433193 A 19931216  
• JP 7459993 U 19931227

Abstract (en)  
Lock detecting terminals (133a,133b) are disposed on one of connector housings (130) that are engageable with each other, and a short circuit terminal (114) is disposed on the other connector housing (110), the short circuit terminal (114) serving to short-circuit the lock detecting terminals (133a,133b) upon engagement of both housings. The lock detecting terminals (133a,133b) are arranged so as to extend along an inner wall surface (130a) of the housing (130) in such a manner that the distal ends thereof are not in contact with the edge portion of the engagement opening of the housing. As a result of this construction, the lock detecting terminals (133a,133b) will no longer be deformed while caught by the edge portion of the housing even when the housing is being engaged with the housing misaligned. Furthermore, the one connector (310) has the short circuit electrode (316) exposed to the outside and has a cover (320) movable between a protecting position and an opening position, the protecting position being such a position as to allow the cover (320) to cover the short circuit electrode (316), the opening position being such a position as to allow the cover to expose the short circuit electrode (316). <IMAGE>

IPC 1-7  
**H01R 13/629**; **H01R 13/703**

IPC 8 full level  
**H01R 13/641** (2006.01); **H01R 13/703** (2006.01); **H01R 13/627** (2006.01)

CPC (source: EP)  
**H01R 13/641** (2013.01); **H01R 13/7032** (2013.01); **H01R 13/6272** (2013.01)

Cited by  
WO2008150523A3

Designated contracting state (EPC)  
DE GB

DOCDB simple family (publication)  
**EP 0657968 A1 19950614**; **EP 0657968 B1 19990107**; DE 69415786 D1 19990218; DE 69415786 T2 19990805; DE 69429461 D1 20020124; DE 69429461 T2 20020627; EP 0871253 A2 19981014; EP 0871253 A3 19990203; EP 0871253 B1 20011212

DOCDB simple family (application)  
**EP 94116642 A 19941021**; DE 69415786 T 19941021; DE 69429461 T 19941021; EP 98110335 A 19941021