

Title (en)

A connector and a cap therefor

Title (de)

Ein Verbinder und eine Abdeckung dafür

Title (fr)

Un connecteur et un couvercle associé

Publication

EP 0963008 A3 20010418 (EN)

Application

EP 99109391 A 19990602

Priority

- JP 15607598 A 19980604
- JP 6196999 A 19990309

Abstract (en)

[origin: EP0963008A2] To provide a cap capable of preventing the deformation and breakage of tabs in a hood-less type male connector. A cap 3 is integrally made of a synthetic resin, and a cap main body 12 for surrounding tabs projecting from the front end surface of a connector housing 1 is formed at a front part of the cap 3. Behind the cap main body 12 is formed an engaging portion 11 for engaging the cap 3 with the connector housing 1. The engaging portion 11 is comprised of a tubular portion 11A to be mounted on a front end portion of the connector housing 1 and a pair of elastic pieces 11B extending from the left and right side walls of the tubular portion 11A. Further, retainer protecting ribs 16 project upward and downward from a rear end of the tubular portion 11A so as to prevent retainers 8 in their standby positions from shifting to their locking positions. <IMAGE>

IPC 1-7

H01R 13/436; **H01R 13/447**

IPC 8 full level

H01R 13/42 (2006.01); **H01R 13/447** (2006.01); **H01R 13/46** (2006.01); **H01R 13/516** (2006.01); **H01R 13/52** (2006.01); **H01R 13/436** (2006.01)

CPC (source: EP)

H01R 13/447 (2013.01); **H01R 13/516** (2013.01); **H01R 13/4361** (2013.01)

Citation (search report)

- [XY] US 5556288 A 19960917 - ISHII TAKASHI [JP], et al
- [X] US 5145385 A 19920908 - TAKANO TSUNESUKE [JP]
- [Y] US 5730627 A 19980324 - OKABE TOSHIKI [JP]
- [Y] US 3990759 A 19761109 - CROWE TERENCE ALFRED

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EP1303009A3; EP1220366A3; EP1703595A3; EP1801926A1; US7377824B2

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DOCDB simple family (publication)

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EP 99109391 A 19990602; CN 99107885 A 19990531; DE 69935145 T 19990602; DE 69938376 T 19990602; EP 01101193 A 19990602; JP 6196999 A 19990309