

Title (en)  
Electric connecting unit

Title (de)  
Elektrische Verbindungseinheit

Title (fr)  
Dispositif de connexion électrique

Publication  
**EP 1091455 A2 20010411 (EN)**

Application  
**EP 00121052 A 20000927**

Priority  
IT TO990832 A 19990928

Abstract (en)  
An electric connecting unit (1) having a first and a second electric connector (3, 2) mutually connectable, along a longitudinal axis (A), in a fully assembled position assumed at the end of a mutually engaging movement, and which respectively have a first and a second insulating casing (19, 4), each defining at least two longitudinal cavities (21, 5) for respective electric terminals (22, 7); short-circuit means (45) carried by the first casing (19), and which can be set to a first operating configuration mutually connecting the terminals (22) of the first connector (3), and a second operating configuration assumed when the connectors (3, 2) are in the fully assembled position, and wherein the short-circuit means are isolated electrically from the terminals (22) of the first connector (3); and selectively releasable retaining means (60, 61) interposed between the first and the second casing (19, 4) and activatable in the course of the mutually engaging movement of the connectors (3, 2) to define an intermediate check position wherein the terminals (22) of the first connector (3) are connected mutually by means of the short-circuit means (45), and are connected to the relative terminals (7) of the second connector (2). <IMAGE>

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

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

CPC (source: EP)  
**H01R 13/7031** (2013.01)

Cited by  
DE10159196B4; US6520786B2; US8827738B2

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