BROADCASTING OF GPS SIGNAL IN THE PRODUCTION BUILDING

SODEREL



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Broadcasting of GPS signal in the production building



SODEREL



provides its knowledge and its know-how to enable car manufacturers to test the vehicle navigation system during production.





The system allows to receive the GPS signals outside a building and then to emit them inside this one.

The signal is received outside the production building, amplified by a repeater and then broadcast in the building by means of antennas.

It ensures the reception of the signals inside the building during production.

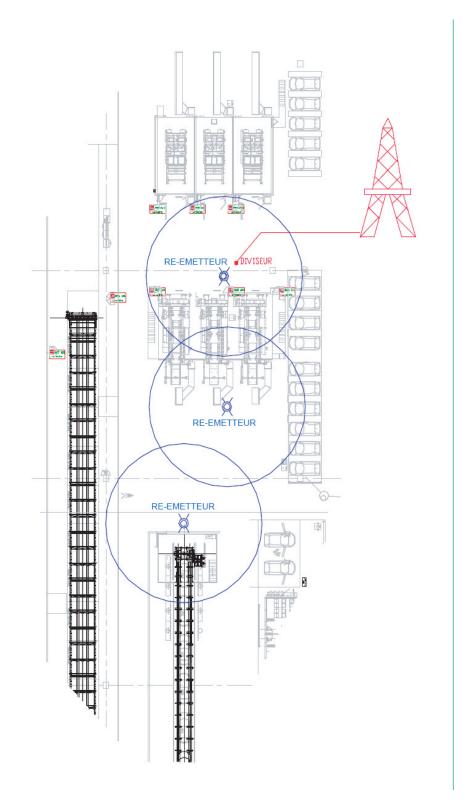
This initialization of the vehicle navigation system at the end of the assembly line eliminates the need to move the vehicle outside the building to subject it to tests of reception signals.

Proper installation of the GPS system in the vehicle can be checked by determining the number of satellites received and the reception level by means of a portable receiver.





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Example of installation drawing



A network

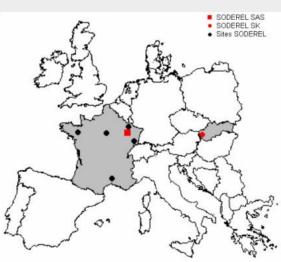
WEST Area

Rennes Fax. +33(0)299 771 290 agence.rennes@soderel.com



EAST Area

Sochaux Fax. +33(0)381 945 280 agence.sochaux@soderel.com Pont -à-Mousson Fax. +33(0)383 812 567 e.girardot@soderel.com



ILE DE FRANCE Aulnay-sous-Bois Fax. +33(0)148 657 045 agenceparis@soderel.com

SODEREL SAS 10, rue du coteau - Z.I. Ouest F- 54180 Heillecourt Tel. +33(0)383 55 66 66 Fax. +33(0)383 55 66 67 SOUTH Area Tarascon Fax. +33(0)490 915 389 agence.sud@soderel.com

SODEREL SK (Slovakia)

Modra Tél. +421 336 474 341 Fax. +421 336 474 378 soderel.sk@soderel.com

Head office: Soderel SAS. Contact: Info@soderel.com. Web site: www.soderel.com