

The Kinderfinder

The Kinderfinder has two components, an alarmbox in the cabin of the vehicle with two connected antennas, one on the top, one underneath the vehicle. Each kid, neighbor kid and visitor on the farm will be equipped with a bracelet that has an inbuilt RFID transmitter like an wrist-watch.



RFID increases safety

for humans
and animals

The large number of fatal accidents and injuries on farms - especially involving children - documents the need to develop corresponding safety technology.

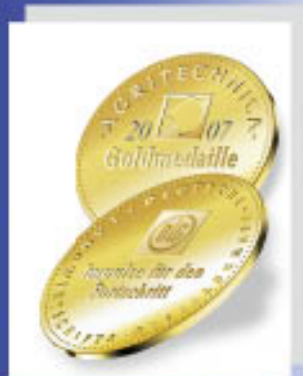
A flexible new concept for solving this problem complex has been developed by using innovative **RFID technology**. Receiver aerials are installed at the front and rear of self-propelled agricultural machines. The technical realisation prevents radio shadowing effects under general agricultural conditions. The persons (or animals) are equipped with an appropriate RFID-coded radio chip that is available in the form of a wrist band, a chain or is integrated in garments. The range can be adjusted up to a maximum of 100 m from the machine. A control box within hearing distance of the driver provides the alarm display.

The device can although be used in other areas such as construction industry, or in production workshops and warehouses (forklifters) for worker security.



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