INNOVATIVE UNATTENDED PRESENCE CONTROL SYSTEM FOR WORKERS

TECNOLOGÍA PATENTADA

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RESUMEN

Researchers have developed an innovative system for controlling the presence of workers in their workplaces based on the use of mobile devices. Thanks to this system, it is not necessary for workers to make time-stamps as this is done automatically. This reduces time loss and avoids possible marking errors. It also reduces the infrastructure needed to carry out the clocking in.

VENTAJAS Y ASPECTOS INNOVADORES

MAIN ADVANTAGES OF THE TECHNOLOGY

• Technology is very interesting for any type of company that has a considerable number of workers and wants to optimize the monitoring of their access to workplaces and the tasks performed.

• The system is automatic and transparent for users. Currently, the time stamping process is a manual process that requires worker action. This system prevents workers from carrying out this monotonous daily task that does not provide added value to the company.

• Reduction of errors and forgetfulness. The system avoids possible errors or forgetfulness that occur when workers enter data in the system.

• Monitoring of tasks and processes. The system allows knowing the activities carried out by the workers and the real dedication to it. This information is very useful to estimate the profitability of the processes and the associated costs.

• Reduced infrastructure. The necessary infrastructure is not too complex because it operates with low-cost sensors and the centralized system is managed from the cloud.

INNOVATIVE ASPECTS

Technology represents a notable advance when it comes to managing the company's human resources. In companies with a high number of workers, with the management of different shifts and with different work centers, time registration can be a complex process. If you also want to monitor the different processes in which each worker participates to optimize operations, this task becomes even more complicated.

There are no systems that allow the automated management of these processes, so the proposed technology represents a notable innovation, managing a large amount of information and avoiding the performance of tedious tasks and the maintenance of outdated infrastructures.

With a reduced investment, company managers can count on an effective tool that provides accurate information, essential for monitoring company activities and allowing decision-making.

APLICACIONES DE LA OFERTA

This technology is interesting for any type of company. It will be of special interest to those who present a greater complexity, such as having a large number of workers, who perform different tasks, require their movement between different processes or Jobs, or that the work activity is planned through parts and complex work shifts.

For example, the technology may be of interest to industrial or service companies, public administration centers, hospitals, transportation companies, etc.

COLABORACIÓN BUSCADA

We are looking for companies interested in acquiring this technology for commercial exploitation through:

- Patent license agreements.
- R&D project agreement (technical cooperation) to undertake technology-related projects.