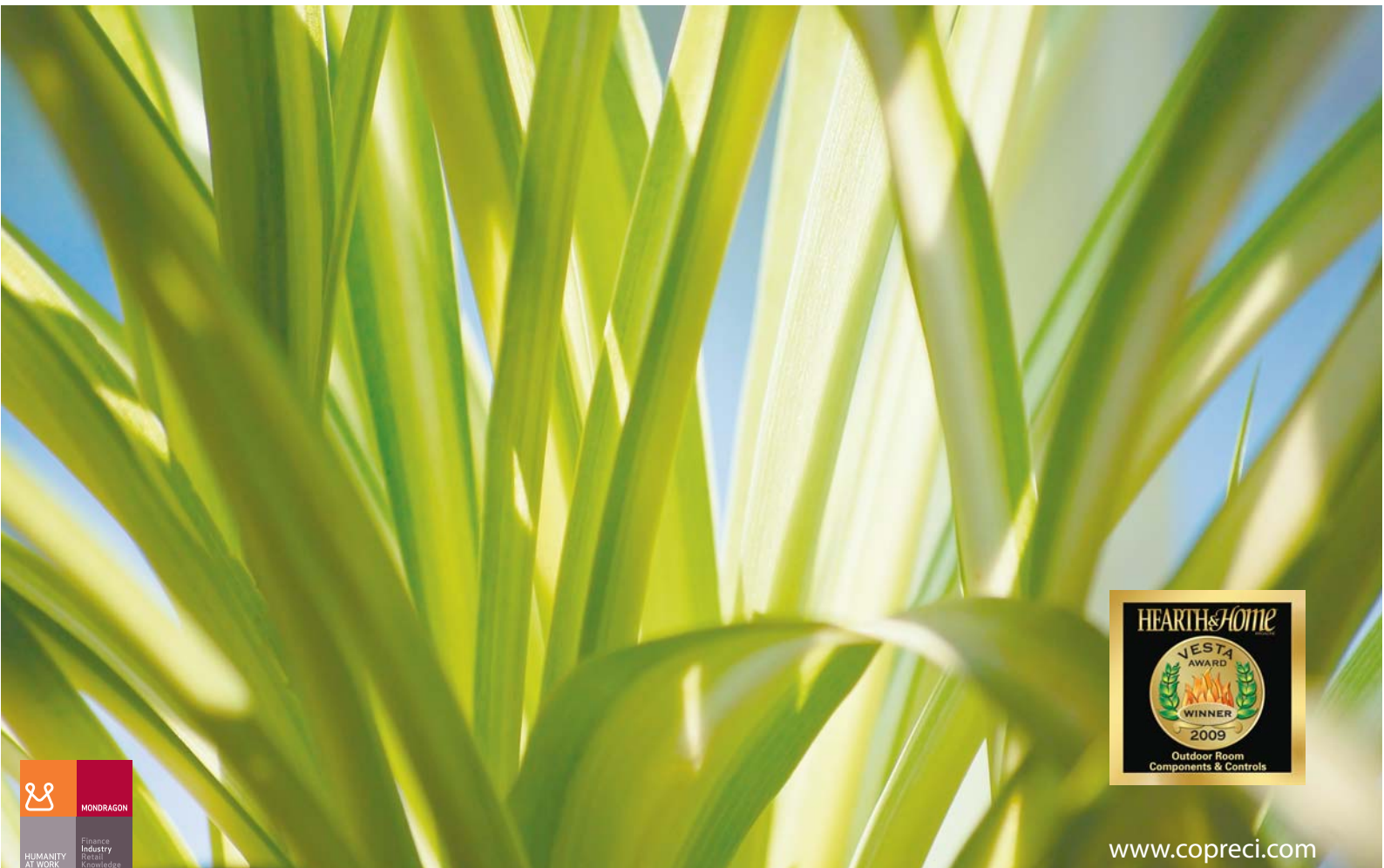


SAFETY IGNITION SYSTEM

SISTEMA DE ENCENDIDO SEGURO

sis
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Description

Due to the lack of improvement in ignition systems for the outdoor market in the last years, Copreci decided to use its knowledge to develop a switch for outdoor applications that can be used in extreme conditions.

This device is designed to improve the ignition in the gas appliance and reduce the risk of explosion.

The switch works by turning the gas valve where the switch is mounted. When this turn is applied to the valve, the switch sends a signal to a spark module, which sends the voltage to the spark and it lights the burner.

With this unique design, you can be sure you have a spark in the burner every time you turn on the gas.

We have detected that there is a risk of explosion if by any chance the burner is not lit and you try to turn off the gas. At this point, if there is a spark where gas has accumulated in the appliance, it may explode.

This is why we have developed a switch that only makes a spark when you turn on the valve, and not when you turn it of.

Why it is Innovating

Even though there are a lot of switches and ignition systems used in appliances for the indoor market, this switch is the only one that has been designed to withstand a salty environment (i.e., BBQs, patio heaters).

Copreci has detected that there is a risk of explosion with the actual ignition systems. If the ignition system of the BBQ has failed and the valves are in open positions, most systems allow you to give a spark to the gas causing it to ignite.

Our invention is to have a reliable ignition system, like the switch, with safety built into it as described before.



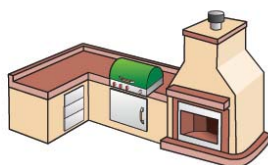
PATENT PENDING



Applications



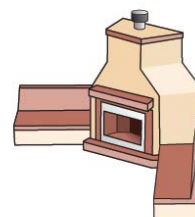
gas grill
barbacoa



built-in
encastrada



patio heater



outdoor fireplace
fireplace de exterior



firepits



portable
móviles



Aplicaciones