

ABSTRACT**DECARBONIZATION DEVICE**

A decarbonization device (1, 1') for engine decarbonization includes an oxyhydrogen supplying unit (2), an oxyhydrogen conduit unit (6) connected to the oxyhydrogen supplying unit (2), a sensor unit (5) disposed at the oxyhydrogen conduit unit (6) for detecting inner gas pressure within the oxyhydrogen conduit unit (6), and a control unit (3) coupled to the sensor unit (5) and the oxyhydrogen supplying unit (2). The oxyhydrogen conduit unit (6) is configured to be connected to an engine (102) to be supplied with oxyhydrogen gas from the oxyhydrogen supplying unit (2). The sensor unit (5) generates a notifying signal upon detecting the inner gas pressure greater than a predetermined value, and the control unit (3) controls supply of the oxyhydrogen gas upon receipt of the notifying signal from the sensor unit (5).

Figure 2