

ABSTRACT

FIREPROOF, SMOKE PREVENTION AND HEAT-INSULATING SLAT

A fireproof, smoke prevention and heat-insulating slat comprises a first housing, a second housing, and a heat-insulating intermediate body. The first housing includes an upper hinge portion, a lower hinge portion, a lower locking portion and an upper locking portion, the upper hinge portion and the lower hinge portion being respectively formed on opposite ends of the first housing, and. The second housing includes a first locking portion and a second locking portion. The heat-insulating intermediate body includes an upper coupling portion and a lower coupling portion. The upper locking portion of the first housing and the first locking portion of the second housing are secured in the upper coupling portion, while the lower locking portion of the first housing and the second locking portion of the second housing are secured in the lower coupling portion, so that the heat insulating intermediate body is sandwiched between the first housing and the second housing. The first housing and second housing are isolated from each other by the heat insulating intermediate body so that heat conduction therebetween is blocked.

(FIG. 2)