

**MOLD STRUCTURE WITH AN EJECTING TUBE FOR EJECTING A MOLDED
PRODUCT AND PERMITTING AIRFLOW**

ABSTRACT

A mold structure (M) includes an ejecting tube (50) disposed movably within a guide hole (422) in a lower mold unit (40) and having an ejecting end (501). The ejecting tube (50) is communicated with an air chamber in the lower mold unit (40) and a mold cavity. A pneumatic device (60) is operable to draw air from the mold cavity into the ejecting tube (50). The ejecting tube (50) is operable to move within the guide hole (422) between a retracted position whereat the ejecting end (501) is disposed outwardly of the mold cavity, and an ejecting position whereat the ejecting end (501) is moved into the mold cavity so as to allow a molded product to be removed from the lower mold unit (40). The pneumatic device (60) is also operable to introduce compressed air therefrom into the mold cavity via the air chamber and the ejecting tube (50).

(Figure 10 is suggested for publication)