

ABSTRACT OF THE DISCLOSURE**A CEILING PANEL STRUCTURE FOR A CEILING-MOUNTED AIR-CONDITIONING APPARATUS OR THE LIKE**

A ceiling panel structure (10;310) is mounted on a ceiling surface (201) at a downstream of an air-outlet (211) of a ceiling-mounted air-conditioning apparatus (indoor unit) (200) having an air-inlet (210) at a central portion and the conditioning air-outlet (211) at a peripheral portion to minimize the smudging of the ceiling surface and is applicable even to the pre-mounted or existing air-conditioning apparatus. The ceiling panel structure (10;310) is adapted to be mounted on the ceiling surface (201) at an outside of the air-conditioning apparatus (200) and has a deflection induction portion (47;347) substantially rigid against the airflow to deflect a part (S1,S2) of the conditioning air, having been blown out through the air-outlet (211) of the air-conditioning apparatus (200), back to the room air-inlet (210). The ceiling panel structure (10;310) comprises, typically, a base member (20;320) mounted on the ceiling (201) and a cover member (40;340) attached to the base member (20;320) and having portions such as the deflection induction portion (47;347).

Fig. 13