

ABSTRACT

PRECAST WALL HAVING INCREASED POURING RESISTANCE

The present disclosure relates generally to a precast wall
5 having increased pouring resistance. The precast wall has a
configuration by which resistance to the pouring pressure of
concrete poured between outer and inner panels is increased,
the configuration including rail members buried in outer and
inner panels, link members disposed between connection members
10 connecting the rail members in the outer and inner panels to
act integrally, and coupling members. According to one aspect
of the present disclosure, provided is a precast wall having an
integrated wall structure constructed by pouring concrete
between precast panels. The precast wall includes: an outer
15 panel (10) and an inner panel (20) spaced apart at a distance
and facing each other; a plurality of truss connection members
(30) connecting the outer panel 10 and the inner panel (20);
and rail members (11, 21) buried in the outer panel (10) and
the inner panel (20), respectively, and connected to the truss
20 connection members (30). The connection members (30) includes a
horizontal members (31) horizontally connecting the rail
members (11 and 21) and inclined members (33) connecting the
rail members (11, 21) and inclined between the horizontal
members (31). The precast wall includes coupling members (40)
25 respectively coupled one surface of a corresponding rail
member, of the rail members 11 and 21 connected to the truss
connection members 30, in a longitudinal direction.

REPRESENTATIVE DRAWING

30

Fig. 4