

Title (en)

INSERT ASSEMBLY FOR USE IN A CONCRETE STRUCTURE

Publication

EP 0279675 B1 19911106 (EN)

Application

EP 88301377 A 19880218

Priority

JP 2374487 U 19870220

Abstract (en)

[origin: EP0279675A1] There is disclosed an improved insert assembly for use in a concrete structure to mount equipments onto the concrete surface. The insert assembly includes an insert member (30) adapted to be embedded in the concrete structure (18), and a bolt member (20) threadedly matable with the insert member (30). The insert member (30) includes an insert body (32) and an end wall portion (36) integrally joined to the insert body (32). The insert body (32) has larger and smaller opposite ends and tapers from its larger end to its smaller end. Also, the insert body (32) has a threaded through hole (12), formed along its center axis, for the bolt member (20) to be screwed therein. The end wall portion (36) has a transverse outer size not larger than that of the larger end (33) of the insert body (32), and is joined to the larger end (33) of the insert body (32) to seal the larger end. This end wall portion (36) has a supplementary hole formed in its inner face. This supplementary hole (40) is aligned and communicated with the threaded hole (12) of the insert body (32) so as to receive the threaded end portion of the bolt member (20).

IPC 1-7

E04B 1/41

IPC 8 full level

E04B 1/41 (2006.01)

CPC (source: EP KR)

E04B 1/388 (2023.08 - KR); **E04B 1/4121** (2013.01 - EP)

Cited by

GB2591747A; GB2591747B

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0279675 A1 19880824; **EP 0279675 B1 19911106**; DE 3865982 D1 19911212; JP S63132001 U 19880830; KR 890013295 A 19890922; KR 950011054 B1 19950927

DOCDB simple family (application)

EP 88301377 A 19880218; DE 3865982 T 19880218; JP 2374487 U 19870220; KR 880001732 A 19880219