

Title (en)
Improvements relating to in situ cast beams.

Title (de)
An Ort und Stelle gegossene Balken.

Title (fr)
Poutres coulées sur place.

Publication
EP 0033658 A1 19810812 (EN)

Application
EP 81300440 A 19810203

Priority
GB 8003654 A 19800204

Abstract (en)
During the construction of an in situ cast concrete beam in a slot cut in a building wall, the wall (28) above is temporarily supported from the wall (17) below by a stool (11). The stool consists of a top plate (12), a bottom plate (13), and an intervening body comprising an upper plate (14), a lower plate (16), and a leg (15). The body and plate (12) are lifted, so as to tighten any looseness in the wall (28) above by hydraulic jacks (29). Packing is then inserted between the lower plate (16) and bottom plate (13) and the jacks (29) are removed before a beam is cast incorporating the stools. In this way only inexpensive parts are sacrificed within the beam and the jacks, and possibly containment (19) for the packing are recovered and reuseable.

IPC 1-7
E04G 23/06; **E04G 23/04**; **E02D 27/48**

IPC 8 full level
E02D 27/48 (2006.01); **E04G 23/04** (2006.01); **E04G 23/06** (2006.01)

CPC (source: EP)
E02D 27/48 (2013.01); **E04G 23/0274** (2013.01); **E04G 23/04** (2013.01); **E04G 23/06** (2013.01)

Citation (search report)
• US 3796055 A 19740312 - MAHONY R
• GB 1497413 A 19780112 - PYNFORD LTD

Cited by
CN104594655A; GB2137958A

Designated contracting state (EPC)
BE DE FR GB IT NL

DOCDB simple family (publication)
EP 0033658 A1 19810812; **EP 0033658 B1 19830907**; DE 3160830 D1 19831013

DOCDB simple family (application)
EP 81300440 A 19810203; DE 3160830 T 19810203