

Title (en)
Jack for prestressed concrete structure.

Title (de)
Spannpresse für vorgespannte Konstruktionen.

Title (fr)
Vérin pour constructions précontraintes.

Publication
EP 0101268 A2 19840222 (EN)

Application
EP 83304537 A 19830805

Priority
GB 8222830 A 19820807

Abstract (en)
A stressing jack is of light weight because limiting means (19) are provided to reduce the axial tension generated in the rearward end of the jack casing (1) at or towards the limit of the rearward movement of the jack pulling cylinder (8). Preferably the limiting means is a safety pressure limiting shuttle valve (19) having a plunger (22). Because of the limiting means the outer cylinder wall can be of low thickness which saves weight and creates stability.

IPC 1-7
E04G 21/12

IPC 8 full level
E04G 21/12 (2006.01)

CPC (source: EP)
E04G 21/121 (2013.01)

Cited by
CN101798876A; ES2084538A2; EP0222625A1; FR2589536A1; US4802806A

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0101268 A2 19840222; EP 0101268 A3 19851127; AU 1758083 A 19840209; AU 551307 B2 19860424; IN 160947 B 19870815; ZA 835495 B 19840926

DOCDB simple family (application)
EP 83304537 A 19830805; AU 1758083 A 19830804; IN 221DE1984 A 19840308; ZA 835495 A 19830727