

Title (en)
WOODEN COFFERING GIRDER

Publication
EP 0344505 B1 19911218 (DE)

Application
EP 89108677 A 19890513

Priority
DE 3818905 A 19880603

Abstract (en)
[origin: EP0344505A1] The girder (1) has two capping pieces (3) held apart by a web (2), the capping pieces (3) having on the sides (3a) facing each other grooves (4), which are approximately dovetailed in cross-section, and the web having on its narrow sides (2a), which can be inserted into these grooves (4), one or two, if appropriate also more, slot-shaped recesses (5) which can be spread open in the position of usage in the interior of the dovetailed grooves (4) by a strip (6), which penetrates and can be pressed into the slot (5) during insertion into the grooves (4), and tapers in cross-section towards the interior of the slot (5), that is to say away from the groove base (4a), and by this means can be fixed positively inside the dovetailed groove (4). The contact regions between the grooves (4) of the capping pieces (3) and the web (2) can be sealed with glue. The essential factor is that the spreading strip (6) or the spreading strips (6) are in each case a separate part which can be inserted and pressed in independently of the capping piece (3) and the web (2) and which thus lead to a self-clamping and avoid undesired detaching movements even when there is no glue or defective glue. <IMAGE>

IPC 1-7
E04C 3/14; E04G 11/50

IPC 8 full level
E04C 3/14 (2006.01); **E04G 11/50** (2006.01)

CPC (source: EP)
E04C 3/14 (2013.01); **E04G 11/50** (2013.01)

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