

Title (en)  
NECK FOR STRING INSTRUMENTS

Publication  
**EP 0273372 A3 19890816 (DE)**

Application  
**EP 87119070 A 19871222**

Priority  
DE 3644694 A 19861230

Abstract (en)  
[origin: US4852449A] A neck rod member for stringed instruments, particularly for bass guitars. The rod member includes two oblong rod portions which extend parallel relative to each other and essentially contact one another. At one end of the rod member, the portions are fixedly connected to each other, for example, by rivets. At the other free ends of the rod portions, a mechanism for effectively shortening the length of one of the rod portions relative to the effective length of the other rod portion is provided. The neck of the instrument defines an oblong blind-end hole which is open at the free end of the neck. The rod member can be inserted into the blind-end hole in such a way that the mechanism for shortening the effective length of the first rod portion is accessible from the open end of the blind-end bore. The neck rod member includes another mechanism for shortening the effective length of the second rod portion relative to the effective length of the first rod portion. This second mechanism is also accessible from the open end of the blind-end hole.

IPC 1-7  
**G10D 3/06**

IPC 8 full level  
**G10D 3/06** (2020.01)

CPC (source: EP US)  
**G10D 1/08** (2013.01 - EP US); **G10D 3/06** (2013.01 - EP US)

Citation (search report)

- [X] US 3416399 A 19681217 - BALDONI GIOVANNI E
- [A] US 4203342 A 19800520 - MONTGOMERY JOHN R [US], et al
- [A] US 4508003 A 19850402 - SMAKULA PETER H [US]
- [AD] US 4308780 A 19820105 - BOUCHER NORMAND
- [AD] DE 3415752 A1 19841108 - CBS INC [US]

Designated contracting state (EPC)  
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0273372 A2 19880706; EP 0273372 A3 19890816; EP 0273372 B1 19930421**; AT E88592 T1 19930515; DE 3644694 A1 19880714; DE 3644694 C2 19901129; DE 3785564 D1 19930527; ES 2041260 T3 19931116; US 4852449 A 19890801

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**EP 87119070 A 19871222**; AT 87119070 T 19871222; DE 3644694 A 19861230; DE 3785564 T 19871222; ES 87119070 T 19871222; US 13835587 A 19871228