

Title (en)
HARP WITH TONE ADJUSTMENT MECHANISM

Publication
EP 0085266 B1 19860820 (FR)

Application
EP 82402163 A 19821126

Priority
FR 8201364 A 19820128

Abstract (en)
[origin: EP0085266A1] 1. A harp of the type comprising a set of strings (1) stretched between an arm called a console (2) and a resonator forming a soundboard (3), which is connected at the level of the abutment of the harp, the vibrating length of which may be adjusted by means of pairs of superimposed forks (7, 8), which are designed to grip the strings and which are actuated by a mechanism which is accommodated in a pillar (6), and which is connected to pedals (9) arranged in the pedestal (5) of the harp, characterised in that the mechanism for actuating the forks (7, 8) comprises, for each of the seven degrees of the scale, a double-acting transmission device comprising a first traction cable (11), which is connected on the one hand to a series of first upper forks (7) effecting a gripping of the associated strings in order to obtain a natural tone, and on the other hand to a rocking control member, and comprising a second traction cable (14), which is connected on the one hand to a series of second lower forks (8) effecting a gripping of the associated strings in order to obtain a sharp tone, and on the other hand to a pedal (9), the said second cable (14) actuating the said-rocking control member, so as to convert the traction exerted on the said cable (14) into two successive angular movements of the upper and then the lower forks.

IPC 1-7
G10D 1/04

IPC 8 full level
G10D 1/04 (2006.01); **G10D 3/14** (2006.01)

CPC (source: EP)
G10D 1/04 (2013.01); **G10D 3/147** (2020.02)

Cited by
CN106057176A; AT407310B; CN106328101A; KR102496931B1; KR20230023414A

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