

Title (en)  
PRINT HAMMER BANK OF MODULAR CONSTRUCTION

Publication  
**EP 0174381 B1 19890906 (DE)**

Application  
**EP 84110756 A 19840910**

Priority  
EP 84110756 A 19840910

Abstract (en)  
[origin: US4651640A] The invention relates to a print hammer bank of electromagnetic print hammer actuators in modular design of the type which includes a plurality of actuators each of which comprises a stator formed in two halves, each half including an electromagnet and a plurality of pole pieces, and means for positioning the stator halves relative to each other so that the ends of the pole pieces of the two halves are spaced apart in pairs so as to form a plurality of aligned operating gaps. The armature elements are designed so that the volume of each armature element is of the order of the volume of the associated operating gap. A print hammer bank in accordance with the invention is characterized in that the print hammer bank consists of two spaced apart rows of modules of the same geometrical shape and design forming the stator halves with the armature members located side by side in the space between the rows of modules, in that, for adjacent print hammers, the associated electromagnets are staggered relative to each other within the associated module, and in that each module, looking at the side facing the armature members, is shaped like a parallelogram.

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