CLAIMS

1. - Mobile x-ray device with telescopic column comprising:

- a chassis (1) which supports the telescopic column (2);
- a telescopic column (2) comprising a lower fixed portion (5) which rotates with respect to a vertical axis, and at least one upper mobile portion (6);
- a telescopic arm (3) which moves vertically along the upper mobile portion (6) of the telescopic column (2) and which supports at its end a head assembly (4) which contains the x-ray emitter, this arm on extending or retracting allows the x-ray emitter to be moved further away or brought closer horizontally,
- the telescopic arm (3) and the head assembly (4) configuring an arm-head assembly can move from a minimum height at the lower position of the upper mobile portion (6) in the retracted position of the telescopic column (2) to a maximum height at the upper position of the mobile portion (6) in an extended position of the telescopic column;
- also all movements of the column are manual and have a mechanical balancing mechanism,

wherein:

the mechanical balancing mechanism comprises:

- a first mechanism that balances the weight of two suspended bodies, with vertical movement, wherein the two suspended bodies are the mobile portion (6) on the one hand, and the telescopic arm (3) with the head assembly (4) on the other hand, wherein this first mechanism is housed in the fixed portion (5);
- a second mechanism that balances the weight of the arm-head assembly consisting of the telescopic arm (3) and the head assembly (4) and which is housed in each of the mobile portions (6) that the telescopic column (2) comprises,

wherein the first balancing mechanism comprises:

- a tension spring (11) which can use any type of traction technology, and which is fixed to a support (11.1) at its lower end;