

Title (en)
DEVICE TO COMPUTE THE INTEGRATION STEP OF A SHELL TRAJECTORY

Publication
EP 0329524 B1 19930512 (FR)

Application
EP 89400336 A 19890207

Priority
FR 8801857 A 19880217

Abstract (en)
[origin: EP0329524A1] This method of calculation consists in a preliminary stage: &cirf& in calculating, for different firing configurations, a reference trajectory (Tref) with a given relatively small integration step called the reference step (H), &cirf& at various points (P) of the different reference trajectories obtained in this way, in successively trying different values of the integration step (1, 2, 3) which increase from the reference step until the deviation from the reference trajectory is greater than a predetermined limit (epsilon P) called the tolerable position error per integration step. In this case, the integration step adopted, called the limiting integration step, is that corresponding to the last trial carried out, &cirf& in modelling the limiting integration step from the data obtained in this way in terms of the various parameters defining the points on the trajectories and the firing configurations, - at the time when the integration step is to be calculated, in calculating the limiting integration step, using the model established in the above preliminary stage, in terms of the parameters existing at the point on the trajectory where this calculation is to be carried out and in terms of the firing configuration in question. <IMAGE>

IPC 1-7
F41G 3/00; **F41G 3/14**

IPC 8 full level
F41G 3/00 (2006.01); **F41G 3/14** (2006.01)

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