

Title (en)
Improvements in pile driving machines.

Title (de)
Pfähleintreibvorrichtungen.

Title (fr)
Machines batteuses de pieux.

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EP 0038311 A2 19811021 (EN)

Application
EP 81850061 A 19810403

Priority
SE 8002704 A 19800410

Abstract (en)
A device in pile driving machines including a drop hammer (3) which drives down piles into the ground. The problem of preventing crushing and breaking damages to the piles is solved in accordance with the invention in that the drop hammer (3) consists of two or several superposed weight segments (10) arranged, against the action of spring members (11), to be drawn together as a result of their velocity energy when hitting the pile. The velocity energy is adjustable by control of the bias of the spring members (11) with the aid of connecting rods (14) passing through the weight segments (10).

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EP 0038311 A2 19811021; **EP 0038311 A3 19811125**; JP S56159423 A 19811208; SE 8002704 L 19811011

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