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(54) **Title:** CUTTING DEVICE SAFETY VALVE, METHOD AND USES FOR SEVERING A PIPE-STRING-RELATED OBJECT IN A SAFETY VALVE FOR A WELL

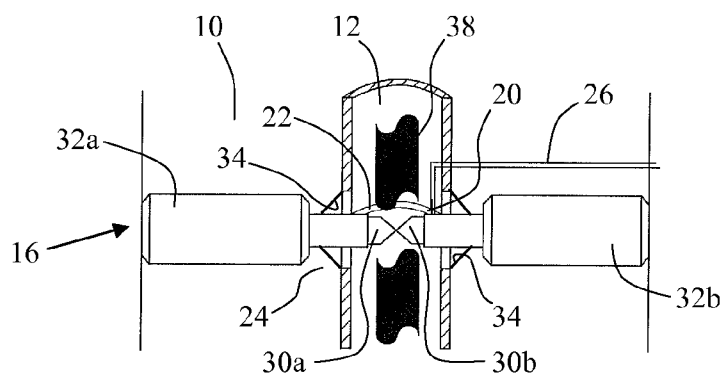


Fig. A3

(57) **Abstract:** A cutting device (16), safety valve (2) and method for severing an object (14) in said safety valve (2) for a well (4), wherein the cutting device (16) is structured for incorporation in the safety valve (2). The distinctive characteristic of the cutting device (16) and the safety valve (2) is that it comprises a housing (10) having a through bore (12) structured for passing said object (14) therethrough; - wherein the cutting device (16)/the safety valve (2) comprises at least one induction coil device (20) disposed in said housing (10), and around at least a portion of the bore (12) of the housing (10); - wherein said induction coil device (20) is directed inwards in the direction of the bore (12); - wherein the induction coil device (20) is structured for optional, cutting-promoting heating, hence thermal structural weakening, of the object (14) when located vis-a-vis the induction coil device (20); - wherein the induction coil device (20) is structured in a manner allowing it to be connected to at least one electric power source for supply of electric power for said heating; and - wherein the housing (10) comprises a heat-insulating portion disposed between the induction coil device (20) and the housing (10).

