

Title (en)  
TILTABLE LOAD SUSPENSION DEVICE FOR THE HANDLING OF HEAVY COILS

Publication  
**EP 0168628 A3 19860319 (DE)**

Application  
**EP 85107173 A 19850611**

Priority  
DE 3422427 A 19840616

Abstract (en)  
[origin: US4611844A] Tilting harness for receiving and for handling heavy spools or rolls with the help of a rolling frame guided in a crane carriage, and a mandrel arranged on the rolling frame, the mandrel serving to lock in the core bore of the roll with a radially extendable clamping jaw, whereby the drive for the operation of the clamping jaw comprises a spring-stressed tilting lever, which can be tilted by means of a cam against the force of the spring in the retracted position of the clamping jaw.

IPC 1-7  
**B66C 1/54**

IPC 8 full level  
**B66C 1/42** (2006.01); **B66C 1/54** (2006.01); **B66C 1/56** (2006.01); **B66C 13/08** (2006.01)

CPC (source: EP US)  
**B66C 1/54** (2013.01 - EP US)

Citation (search report)  
• [A] DE 1255887 B 19671207 - SCHEIDT WILHELM MASCHINENFABRIK KG  
• [A] US 4245861 A 19810120 - HARRY EDWARD G, et al  
• [A] DE 3124816 A1 19820609 - WESTINGHOUSE ELECTRIC CORP [US]  
• [A] DE 1531173 A1 19690724 - DALGLISH HERBERT FRANCIS  
• [A] US 3905636 A 19750916 - WESTERLUND GUNNAR J

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