

Title (en)  
APPARATUS FOR THERMAL TRANSFER PRINTING

Publication  
**EP 0301512 A3 19900207 (DE)**

Application  
**EP 88112151 A 19880727**

Priority  
DE 3724827 A 19870727

Abstract (en)  
[origin: EP0301512A2] In a thermal transfer printing device comprising a housing (10), a transport mechanism (20, 24) for a flat recording carrier (22), a transport mechanism (40, 42) for an ink ribbon (38) carrying an ink capable of being thermally activated, which is led parallel to the recording carrier (22) for a part of its transport path, is capable of being pressed against the carrier (22) and has a mounting for an ink-ribbon supply reel (40) and a driveable take-up roller (42), with which a heating device is associated in such a way that the colour layers of the ink-ribbon roll melt, as well as a thermal head (26) arranged in the area of contact and extending at least approximately over the width of the ink-ribbon (38), the inkribbon (38) runs on to the take-up roller (42) in such a way that the colour layers are inside, a heater bar (46) being provided as a heating device which extends parallel to the take-up roller and approximately over the length of the latter, is mounted so as to be able to move perpendicularly to the axis of the roller and is pre-tensioned against the circumferential surface of the ink-ribbon roll. <IMAGE>

IPC 1-7  
**B41J 35/38; B41J 3/20**

IPC 8 full level  
**B41J 2/32** (2006.01); **B41J 2/325** (2006.01); **B41J 17/38** (2006.01); **B41J 35/38** (2006.01)

CPC (source: EP)  
**B41J 2/325** (2013.01); **B41J 17/38** (2013.01)

Citation (search report)  
• [AD] DE 3217416 A1 19831110 - OLYMPIA WERKE AG [DE]  
• [AD] PATENT ABSTRACTS OF JAPAN  
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Cited by  
US5821975A; EP0730974A3; WO2011061330A2; WO2013041621A1

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