

Title (en)  
DEVICE FOR FEEDING OR BRAKING METAL STRIPS

Publication  
**EP 0195096 B1 19880727 (DE)**

Application  
**EP 85103072 A 19850316**

Priority  
EP 85103072 A 19850316

Abstract (en)  
[origin: US4792075A] An apparatus for exerting a forward or rearward drag on a moving metal strip (9), for use in particular with narrow metal strips which are to be wound up together side by side and which are to have separate rearward braking drags applied to them, comprises two endless conveyor chain systems (3, 4) driven by chain wheels (23). Each of the chains of the systems is formed by a series of pivotally interconnected roller units (7) which are guided by guides (13) along a straight drag-applying zone (12) where the strip (9) is clamped between the units (7) of the systems (3, 4) and has a drag (8) applied to it. Further guide bars (17) are provided remote from the zone (12) and these bars (17) together with the chain wheels (14) and guide segments (15, 16) guide each conveyor chain (3, 4) along a path which is curved along its whole extent except where it passes through the straight drag-applying zone (12). In this way abrupt changes in direction of the chains (3, 4) are largely avoided and rattling and thus wear of, and noise from, the chains is reduced.

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IPC 8 full level  
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Cited by  
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**US 83381586 A 19860226**; AT 85103072 T 19850316; AU 5440486 A 19860307; DE 3563945 T 19850316; EP 85103072 A 19850316; IN 704CA1986 A 19860923; JP 5677986 A 19860314; KR 860001960 A 19860315