

Title (en)  
TENSION LEVELLER

Publication  
**EP 0087297 A3 19840328 (EN)**

Application  
**EP 83300867 A 19830218**

Priority  
GB 8204969 A 19820219

Abstract (en)  
[origin: EP0087297A2] A tension leveller, particularly for use in a tandem cold strip mill, has each of its staggered work rolls (A-D) nested in, and supported by, two back-up rolls (F-H and J-L), each of which has a diameter at least 1.1/4 times greater than the diameter of the work rolls.

IPC 1-7  
**B21D 1/02**

IPC 8 full level  
**B21D 1/02** (2006.01); **B21D 1/05** (2006.01)

CPC (source: EP)  
**B21D 1/02** (2013.01)

Citation (search report)

- [X] DE 1990324 U
- [X] US 3327509 A 19670627 - CHRISTIAN ROESCH
- [A] DE 2052670 B2 19741024
- [A] US 2733750 A 19560207

Cited by  
WO2013135688A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0087297 A2 19830831; EP 0087297 A3 19840328; JP S58154417 A 19830913**

DOCDB simple family (application)  
**EP 83300867 A 19830218; JP 2611083 A 19830218**