

Title (en)  
DEFLECTING DEVICE FOR A HOT STEEL SHEET COVERED WITH A FRAGILE COATING

Publication  
**EP 0376814 B1 19930414 (FR)**

Application  
**EP 89403604 A 19891221**

Priority  
FR 8817515 A 19881230

Abstract (en)  
[origin: JPH02229575A] PURPOSE: To obtain a deflecting device which does not damage the coating on a structure by bringing this device into contact with a hot steel strip covered with a fragile coating. CONSTITUTION: This device consists of a frame 1 and a plurality of strip support members 2 rotatably mounted on the frame 1 about axes extending parallel to the transverse dimension of the strip 3 and arranged around a curve parallel to the desired deflection curve for the strip 3. The respective support members 2 are partially immersed into a tank 4 filled with the liquid below the support members 2. The strip 3 traveling on the rollers 2 rotates the rollers 2 and eventually the film of the liquid is formed between the rollers 2 and the coating on the strip 3 surface and the damage of the coating is averted.

IPC 1-7  
**B05C 9/12**; **B05C 9/14**

IPC 8 full level  
**B05C 9/12** (2006.01); **B05C 9/14** (2006.01); **B05D 3/02** (2006.01)

CPC (source: EP US)  
**B05C 9/12** (2013.01 - EP US); **B05C 9/14** (2013.01 - EP US); **B05D 3/02** (2013.01 - EP US)

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