

Title (en)  
Aerial cam for forming dies

Title (de)  
Luftnockenaufbau für Umformwerkzeuge

Title (fr)  
Came aérienne pour outils de formage

Publication  
**EP 2241387 B1 20140430 (EN)**

Application  
**EP 10157721 A 20100325**

Priority  
IT TO20090286 A 20090414

Abstract (en)  
[origin: EP2241387A1] An aerial cam for dies for forming sheet metal having a top half-die and a bottom half-die that are mobile with respect to one another in a vertical direction between an open position and a closed position, said cam comprising: - a top guide unit (12), which is to be fixed to the top half-die and has a first guide (16); - a bottom guide unit (14), which is to be fixed to the bottom half-die and has a second guide (20); - a slide (24), carried by the top guide unit (12) and having a third guide (26) that co-operates with said first guide (16) and a fourth guide (34) that co-operates with said second guide (20) during closing of said half-dies, wherein the slide (24) is mobile with respect to the top guide unit (12) between a resting position and a working position; - a pair of side vices (38) for connecting in a mobile way the slide (24) to the top guide unit (12), said vices (38) being set laterally and on opposite sides of the slide (24); and - elastic means (52), set between the top guide unit (12) and the slide (24) for pushing the slide (24) elastically against arrest means (56) provided on said side vices (38).

IPC 8 full level  
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CPC (source: EP)  
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