

Title (en)
CUTTING DEVICE

Publication
EP 0004923 B1 19810429 (DE)

Application
EP 79101072 A 19790409

Priority
DE 2816912 A 19780419

Abstract (en)
[origin: EP0004923A1] 1. A cutting apparatus for severing ties, in particular for severing tie wires (8) of cellulose bales (7), waste paper bales, rag bales and the like, comprising a knife beam (2, 3) with knives (9, 10) flatly engaging each other and associated to each other in pairs, the cutting flanks (35, 36) of which are movable against each other, the knife beam (2, 3) being pressure-engageable with the matter to be cut with its cutting side (20), characterized in that the knife beam (2; 3) is defined by two elongate knives (9, 10) which are shiftable in their longitudinal direction relative to one another, that the two knives (9, 10) have an array of teeth (33, 34) in regular spacings at their cutting sides (20), the flanks (36) of the teeth (34) of the one knife (10) defining the cutting blades and the flanks (35) of the teeth (33) of the other knife (9) defining the counterblades, that the teeth heads (33, 36) have an inclination (37, 38) toward the teeth roots from the blades in the plane of the respective knife, forming a relief-cut, and that the shifting of the knives (9, 10) relative to one another generally corresponds to about twice the tooth pitch.

IPC 1-7
B26D 1/01; B65B 69/00

IPC 8 full level
B65B 69/00 (2006.01)

CPC (source: EP)
B65B 69/0025 (2013.01)

Cited by
CN1094457C; US4773148A; EP0281942A1; US6393688B1; WO9000498A1; WO9101919A1; WO9917993A1; WO9112995A1

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