

Title (en)  
METHOD AND DEVICE FOR PRODUCING AT LEAST ONE TRANSPONDER FREQUENCY IN THE SATELLITE INTERMEDIATE FREQUENCY PLANE

Title (de)  
VERFAHREN SOWIE VORRICHTUNG ZUR ERZEUGUNG ZUMINDEST EINER TRANSPONDERFREQUENZ IN DER SATELLITEN-ZWISCHENFREQUENZ-EBENE

Title (fr)  
PROCEDE ET DISPOSITIF DE PRODUCTION D'AU MOINS UNE FREQUENCE TRANSPONDEUR DANS LE PLAN DE FREQUENCE INTERMEDIAIRE DE SATELLITE

Publication  
**EP 1502371 B1 20060531 (DE)**

Application  
**EP 03729960 A 20030501**

Priority  

- DE 10219847 A 20020503
- EP 0304583 W 20030501

Abstract (en)  
[origin: WO03094397A1] The invention relates to an improved method and an improved device for producing at least one transponder (33) in the satellite intermediate frequency plane and for combining said transponder with the satellite intermediate frequency band. The improved method and device are characterised in that the mixing products of the local oscillators for the lower and upper satellite bands are outside the satellite intermediate frequency bands, the transponder (33, 33a, 33b, ) is produced by means of direct conversion into the desired frequency band, and the transponder and a selected frequency band are diverted onto a cable.

IPC 8 full level  
**H04B 1/18** (2006.01); **H04B 1/26** (2006.01); **H04H 40/90** (2008.01)

CPC (source: EP)  
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Cited by  
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**WO 03094397 A1 20031113**; AT E328412 T1 20060615; AU 2003240585 A1 20031117; DE 10219847 A1 20031127; DE 50303588 D1 20060706; EP 1502371 A1 20050202; EP 1502371 B1 20060531; EP 1502371 B8 20060913

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