```
divisor_of_sum  THM

⊢  ∀a,b1,b2:ℤ. a | b1 ⇒ a | b2 ⇒ a | b1+b2  by UnivCD
|
1. a : ℤ
2. b1 : ℤ
3. b2 : ℤ
4. a | b1
5. a | b2
⊢  a | b1+b2  by DVars [‘d’] 5 THEN DVars [‘c’] 4
|
4. c : ℤ
5. b1 = a·c
6. d : ℤ
7. b2 = a·d
⊢  a | b1+b2  by DTerm (c+d) 0
END
```